NUMBER ONE

# THENATIONAL GEOGRAPHIC MAGAZINE

JULY, 1950

You Can't Miss America by Bus

With 35 Illustrations and Map 16 Paintings of American Wildlife

HOWELL WALKER WALTER A. WEBER

Home Life in Paris Today

With 29 Illustrations 20 in Natural Colors

DEENA CLARK WILLARD R. CULVER

Down the Susquehanna by Canoe

With 53 Illustrations and Map 45 in Natural Colors

RALPH GRAY WALTER M. EDWARDS

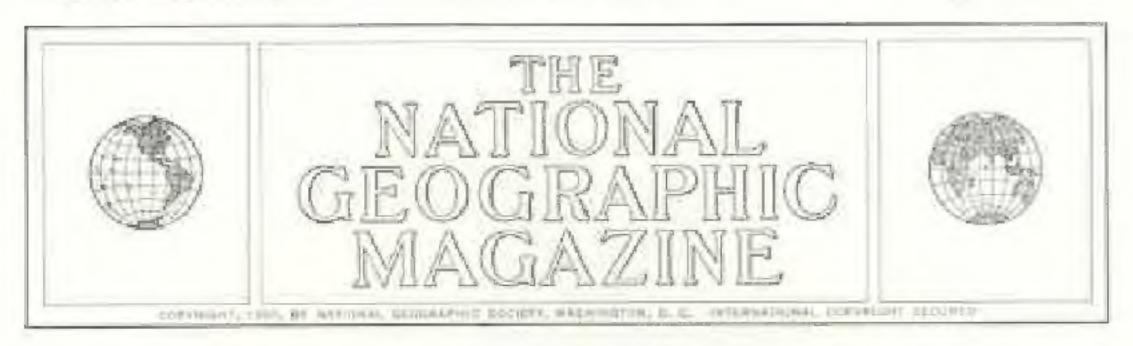
Copra-ship Voyage to Fiji's Outlying Islands

With 15 Illustrations and Map MARJORY C. THOMAS

Sixty-four Pages of Illustrations in Color

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WASHINGTON, D. C.



# You Can't Miss America by Bus

BY HOWELL WALKER

With Illustrations from Photographs by the Author

NE SUMMER morning I left Washington, D. C., to see something of the country by bus. I rolled home in autumn, 9,000 miles and 38 buses later. My route made a loop around America and took the through 27 States.

With me went a dozen pieces of baggage and a ticket stretching from head to toe (page 2). If the agent had included all my stop-overs, the ticket could have reached at least the length of a bus—35 feet.

Every hour some 100,000 persons board intercity bases to go somewhere along 400,000 miles of American highways. Each year the motor-driven stagecoaches carry nearly six times the entire population of the United States.

# Close-up of America at Low Cost

Millions using this means of transport have a good reason for doing so: economy. Cost for luggage and myself worked out at less than 195 cents per mile.

Bus travel gave me intimate glimpses of cities, communities, and countryside. The big vehicles drove along main streets to pull into downtown terminals: they stopped hear the village general store; and anywhere on the open road they paused to pick up rural folk. From buses I had a close-up of America and its people (map, pages 8-9).

I stepped into a 37-passenger coach of the Greybound Lines and put light luggage on an overhead rack. A porter stowed my heavy pieces in a baggage compartment under the floor. As if he could do it with his eyes shut, the driver backed the 10-ton bus away from the Washington depot and headed for Virginia.\*

Friends called my tour "Operation Sacroiliac"; but I reclined in a tilting-back chair and had an adjustable footrest. Air conditioning helped me forget sweltering weather. On six huge wheels and giant springs we moved smoothly over some of the world's best highways.

A brief stay in Staunton with a visit to Woodrow Wilson's birthplace, and I continued south in another Greybound.

#### Birth of a Bus System

The racing dog on nearly 0,000 blue-andsilver road monsters stands for the total to millions. Actually, the Greybound system covers about half the primary highway mileage served by intercity buses of the other larger lines; the 'Hound' bandles about 40 percent of all business done by such operators.

Now a Nation-wide institution, Greyhound grew from a jitney line at Hibbing, Minnesota, In 1914 Carl Eric Wickman set up a Hupmobile agency at Hibbing. People wanted to ride, but not to buy; so a new seven-passenger demonstrator was used for hanling passengers through the red mud of that fron-making town.†

By 1916 the jitney firm had five members and five buses. Each stockholder was a director, each director an officer, each officer a bus driver.

Three pioneers in the Industry that quickly developed from these humble beginnings today head the world's largest intercity bus system.

\* See "Appalachian Valley Pilgrimage," by Catherine Bell Palmer, National Geographic Marketse, July, 1949.

† See "Minnesota Makes Ideas Pay," by Frederick G. Vouburch, Nariowat Geographic Magaziwa, September, 1949.



National Geographic Photographer Errors & Controll

### Author Buys a 2-yard Ticket for a 27-State Trip

Howell Walker, who started his continental tour in Washington, I) C. rode 38 buses across 3,000 miles. For \$15 cents a mile he enjoyed exploration, adventure, and a close-up of America. Making his journey in easy stages. Walker found it has. Friendly drivers surved as his guides; many stopped to let him make pirtures. If this agent had included all stopovers, the strip would have measured a bus-long 33 feet (page 1).

Mr. Wickman is chairman of the board of the Greyhound Corporation, Orville Swan Caesar its president, and R. A. L. Bogan, executive vice president (page 40).

In Winston-Salem, North Carolina, I stepped off the fleet Hound and walked a mile to R. J. Reynolds

Tobacco Company.

Hundreds of machines hummed and clicked; conveyor belts rode endlessly everywhere; men and women touched this or turned that, and presto! thousands of cigarettes were born each second, inspected, packaged, and boxed for shipment.

Yes, we figuratively placed them end to end; a year's production could girdle the earth at its Equator

well over a hundred times,

# College Older than U. S. Constitution

The city consists of two parts: industrial Winston and residential Salem. Settled by Moravians, Salem still keeps the faith and its early architecture, even to booded door-ways. Salem College, older than the Constitution of the United States, has never closed to students.

With a man of Salem I strolled through "God's Acre," the Moravian cemetery. First interment took place in 1771. We walked by more than 3,000 uniform tombstones lying that like pillows at heads of graves.

"Death, after all, is a very leveling thing," my friend explained, "and to God the dead are equal."

At Charlotte, North Carolina, our Greyhound made a 20-minute halt. The driver saw my photographic equipment and invited me to go with him to a camera shop. Photography was his hobby. I told him of my plan to see the country by bus. That assured me of a front seat to Augusta, Georgia.

Driver E. W. Evans offered to stop wherever I wished to make a picture. In Columbia, South Carolina, he pulled up at the busiest intersection; I stood in midstreet to

\*See, in the Nariowal Generality Markster Divis Spins the Wheel of Industry," by William H. Nicholas, March, 1940; and "Turbeelia on Parade," by Leonard C. Roy, August, 1941.



Captain of His "Ship" and Passengers' Fate, the Bus Driver Inspires Friendly Confidence

A personal atmosphere pervades the coach. Unlike plane pilot or milway engineer, the operator stays in touch with riders, who often ask him questions or convene. Whole husbands sometimes join in some or lough at a loke passed from seat to seat. Some find long distance travel in motor coaches tiresome. Many wouldn't journey any other way; they see more, and feel that they are exploring their own country. Here the Oregon-bound has ewings onto San Francisco's Golden Gate Bridge (page 34).

photograph the State Capitol with our bus in the foreground.

While we rolled south through old fields of young cotton, an elderly woman sidled up to Evans. She described at length a big redbrick house that would eventually appear on the right side of the road. He promised to let her out there.

"But," said the woman, "I don't want to get out at that place: I'm going to the little white cottage a mile beyond."

Near Ward, South Carolina, five Negroes climbed abourd.

"Where to?" Evans asked.
"Pine House," said one.

The driver pointed out that the bus didn't go that way, and all but the oldest, a woman, got off.

"Where do you go?" she inquired.

Evans mentioned Trenton among other places.

"All right, then," she said, making up her mind for the rest of the party, "we'll go to Trenton." The other four climbed on again.

#### Ten Governors from One County

In Edgefield, South Carolina, I saw a monument honoring ten of that small county's sons; each had served the State as Governor.

Crossing the muddy Savannah River, we entered Georgia and the city of Augusta. A monument in the middle of the main street particularly interested me; at one of its corners stands a statue of my great grandfather, Muj. Gen. W. H. T. Walker of the Confederate Army.

Past cotton field after cotton field, the bus cut across central Georgia. I watched colored families beeing long rows; saw their lonely homes all looking alike—unpainted plank shanty with wooden shingles and leaning chimney. Pine forests flashed by, only to reveal



Mobile-New Orleans Bus Roars Past Biloxi Light on the Old Spanish Trail

For more than a century it has guided mariners to this fishing city on Mississippi's Gulf coast. Mississippians painted the tower black in mourning for Abraham Lincoln's assissination, old time residents hold the author. Two women, mother and daughter, kept the light burning for 61 years.

more cotton country and an occasional sleepy village.

Sandersville, population 3,566, hid behind a giant sign: "The largest town its size in the world."

At Macon I changed to a Greyhound express. Willie Buzz behind the wheel drove hard and nonstop to Columbus, Georgia. He let up once when he slowed down to swerve around a haby rabbit.

The panting Hound took a 10-minute breather in Columbus. Here I quit the express, ate a leisurely lunch in the depot restaurant, ambled around the city's steaming streets, then boarded a local for Montgomery, Alabama.

Casual as a hatless housewife going to market, a young woman rode to Auburn for an overnight visit. She told me her husband piloted commercial planes; but she stuck to buses.

A girl leaned over the driver's shoulder to say. "Just by this big tree, please." There he stopped to let her off. A bit farther on

the bus pulled up at a bridge to take on a man who appeared to have been painting it.

I stayed a day in Montgomery, first capital of the Confederacy. On a balcony opposite my hotel window the South in 1861 introduced a great hope; orator and secessionist William Lowndes Yancey presented Jefferson Dayis to an enthusiastic throng below; "The man and the hour have met." The first Confederate Cabinet assembled in a building near by.

Not far from Montgomery, two men flagged our Mobile-hound bus. The younger of them helped the older, who was crippled. As they struggled up the coach steps, the youth fumbled for their fares. He didn't have the money.



Oblivious of Misfortune, Omaha's Stranded Passenger Sleeps

Family funds were exhausted when the child's parents checked into the bus station at the end of a ride. While father and mother sought sid, hally aspect on a bench. Help was finally arranged by the terminal manager.

> "I'll pay for them," volunteered a kind woman who was sitting up front.

> Over Mobile Bay on a 10-mile causeway, under Mobile River by Bankbead Tunnel, and we popped up in the center of a city.

## Bauxite and Iron "Lace"

Founded in 1702, Mobile has lived under six flags: French, British, Spanish, United States, Republic of Alabama, and Confederate,

To the port of Mobile sail ships of all flags. I watched fruiters from Central America discharge tons of bananas. Scandinavian freighters took on mountains of cement, and bauxite

See "Smoke Over Alabama," by Frederick Simpich, National Geographic Magazine, December, 1931.



Date Palms Give the American Southwest un Egyptian Look

"Hend in bell, best in paradise," Analy say of dates, which love hot, sumpy skies and coul, wet soil. Introduced into the Southwest not half a century and, the palms now occupy unite upon mile of irrigated lands. Today many old trees have grown so tall that growers use tower platforms for dusting, hand pollinging, and picking. These Phoenty, Arizona, palms are young and low. Here in July the fruits are as green, hard, and bitter as young olives. November harvest will find them brown, juicy, and sweet.

by the carload. Miles of modern warehouses obscured other vessels along the water front.

About Mobile, however up and coming, I liked its old things best. On wide Government Street or narrow lanes I saw magnificent mansions occupied for generations by the same families; the ironwork of their balconies looks like frozen lace. A business firm restored one old home to its ante-bellum dignity and uses the rooms for office space.

In Mobile I smelled the South; felt it; tasted it. With friends I went to a small eating house. My nose told me we had chosen the right place. Big bowls of harbecued pork ribs covered our table, but no silverware. We fell to with bare bands and teeth.

On another southern scent I drove to Bellingrath Gardens, 20 miles south of Mobile. Walter D. Bellingrath, former owner, turned a casual camp on a riverbank into a garden of 60 acres. But, of course, I should have been

there in early March to see the azaleas.

Recently Bellingtath created a foundation for the care of the gardens.

Not gardening, but fishing, obsessed Biloxi, Mississippi. A friend apologized for keeping me waiting while he telephoned; he had to wind up arrangements for a two-day fishing trip. With difficulty I declined his invitation to go along. I wanted to see Blloxi.

My friend took me on a quick tour. Instinctively he drove straight to the water front. Small boats creaking with the day's catch of deep-sea varieties unloaded at the beach: larger craft drew up to the docks. I asked the names of fish I'd never seen before. The weathered seamen told me; but my anglerguide corrected them, mumbling something about old fishwives tales.

\* See "Machines Come to Mississippi," by J. R. Hildebrand, Narmoral Geographic Macazine, September, 1937.



San Antonio's Sight-seeing Buses Always Remember to Stop at the Alamo

Here in 1836 James Rowie, David Crockett, William Barret Travis, and 184 others stood siege by Santa Anna and his army of 4,000 Mexicans. When the fort's walls were beautied, the Texam fought hand to hand, murrie to murrle. Rather than surrender, they died to the last man; but they accounted for 600 to 800 of their enemies. Forty-six days later, "Remember the Alamof" became the battle my at San Janisto, where Texas won its independence.

We rode past shrimp and oyster canning plants, trawlers, and luggers. Almost incidentally I caught glimpses of grand old mansions under enormous oaks gracefully draped with Spanish moss. One imposing red-brick home, older than a century, still retains its former slave quarters. Another old mansion is Beauvoir, last residence of Jefferson Davis, who wrote here The Rise and Full of the Confederate Government.

It seemed that most of Biloxi had put off fishing trips to get on the same bus to New Orleans. For the three-hour journey I sat on my portable typewriter in the aisle. The modern couch followed the Old Spanish Trail around the Gulf coast (page 4).

#### Old France in New Orleans

New Orleans is a snare without delusion, a city beyond description.

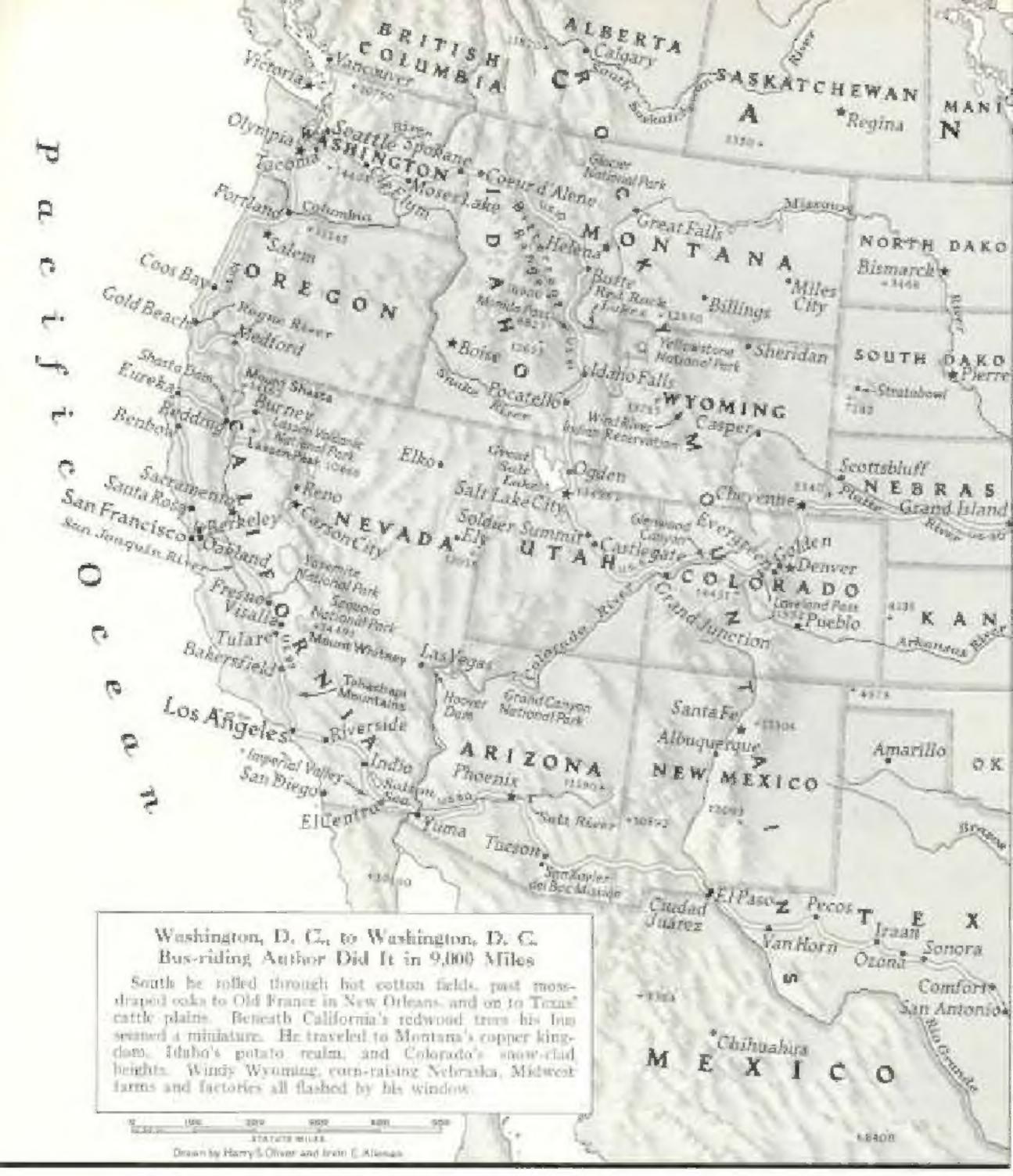
For several days I forgot about that part

of it outside the Vieux Carre, or French Quarter. This section cradled New Orleans and trapped me. Its narrow streets overhung with bulconies, its lacy ironwork and gas lamps, art shops, antique stores, and book stalls. Cathedral and cafes, smells, bells, colors, and even the human attitude—all reminded me of Marseille, sometimes of Paris.

I sat in a case, once a blacksmith shop where Pierre and Jean Lautte are said to have forged the trade as a blind for their piratical activities. One of the proprietors talked with me. He had attended Annapolis and cruised the world. Tired of spending money in restautants, cases, or bars, he decided to have a place of his own.

But he never lost his lave of foreign atmosphere; hence he settled where he did,

"If you ever want to get away from the United States." he told me, "just come to New Orleans."



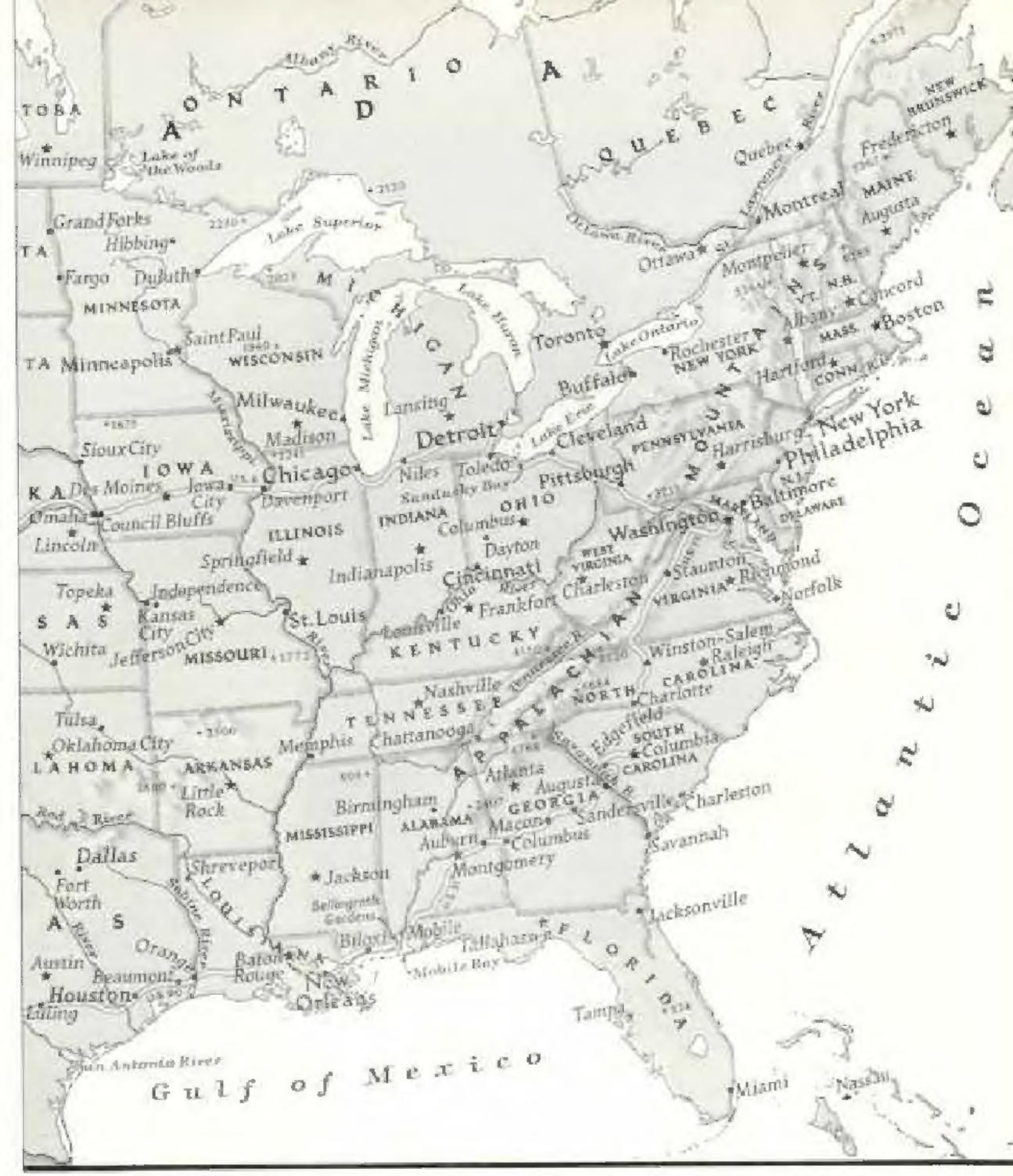
I liked Jackson Square (formerly Place d'Armes), heart of the French Quarter. Natives rested under shady trees, listening to birds simply thinking, or holding earnest conversations; some strolled idly.

The Cathedral of St. Louis faces the Square. Originally of Spanish design, it later took on a French look with tall spires. Beside it stands the Cabildo building, where the United States purchased the vast Louisiana Territory.

From Jackson Square I could hear the bustling noises of the Old French Market; It

has catered to housekeepers and restaurateurs since the late 1700's. Under its areades I walked past rank on rank of vegetable stands flower stalls, cages of live chickens, ducks, and geese—everything. Occasionally I lingered to listen to haggling in French, a Spanish greeting, or just plain southern talk.

With numerous visitors aboard a sight-seeing steamer, I made a 30-mile tour of the harbor. A lecturer, aided by a loud-speaker described all—absolutely all—we saw during the 215-hour trip.



Shipping crowiled miles of wharves along the Mississippi. Mark Twain ferries plied between New Orleans and Algiers, just across the river. Did we wonder about that stuff floating on the water? Our alert guide told us: rice hulls. He didn't miss a piece of driftwood.

Passing factories seen from the deck, the lecturer discussed some of the local 1,100 industries. Machinery unloaded heavy cargoes of bananas and coffee at the docks. And I learned that New Orleans is one of the world's

per year being imported from neighboring tropical countries; and that it handles a fourth of all the coffee consumed in the United States.

#### West by Airliner of the Road

The limited to Houston, Texas, had features I'd not found in other coaches. As a

"See "Louisiana Trades with the World," by Fredeffek Suppleb, NATHOYAL GERGMANTHE MARKETTE, December, 1947.



Billiams of P. House for War & Hands

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#### Sun Among Crac ed Lexas Liberty

Sleep or no sleep. I wanted to explice San Ante do. All morning I followed the bith-San Antonio River under alty beidess, in . . STATES A DESCRIPTION OF rock gardens. I passed an outdoor theater and one or two open-nic cafés fleshed with h 11-- (1 - 1015) - 1

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racing park. The child wanted to know what it was, and was told

"Oh," she exclaimed, "is that where all the

buses for office

Placence, financial and shopping center of Arizona, glistened in the Idazing san. I cooled off in a hatel lobby where cattlemen, bouted and spurred and thoroughly hatted, mingled with dapper traveling salesmen; where letture farmers talked ineigntion with titrus growers.

"You've beard a lot about irrigation in thus one ty," remarked a fractif taking me as und the city, "but did you know that the world" "he airs ouditioning capital of the world"

He it ever so huntile or dashtagly lavish, bearly every home we saw had on ac-cooling

contraption.

Air canditurning obviously makes a difference to the city's population, att irraction really explains its increase from 5 500 in 1900 to about 100 000 today. In short, Thornix grew up on water. To realize this, drive us we did through acres of citrus groves, fields of veretables, date and drivy farms, grain and alfalfa (page 6).

Here the white min's miracle, wrought by water, merely repeated what Lagrans in the Salt River Valley had done a dozen centuries carder. At Pachlo Grande, Ladian site outside Phoenix, city archeologist Old S. Halseth shower me an irrigation cand engineered by

primitive red men.

The Honokam quit the region 400 years before American planeers arrived in the 1800's. Their abandoned ditches and village rains tell

of a prehistoric origation culture.

Speeding west, the last crossed the Colorado River at Yunus and entered California. Evening stretched shadaws across the American Sahafa. In shifting dunes obsolete telephone poles stak to their pressures. I saw remains of a plank road used before the days of well-maintained highways. How horses ever dragged the first wagens over the trackless waste I couldn't imaging.\*

To find a generous flow of what in the desect seemed incomprising as rain in Phoenix. Men sanckled the Colorado River and let once the All American Canal, which makes

Impered Valley so basts.

With irrigation of Imparial Valley, El Centro became chief shipping center for the agricultural produce. It happened in the lifetime of present residents, the All American

Canal dehit go Li work until 1940.

Fit Centrollis are proud of their city. They keep it them, pat up signs at principal intersections warning autos to stop for pedestrians, place cards in cute wir lows barring dogs, cuts, and parrots, build wreades along shopping

streets to ward of the planing but sun, and name that leading hotel for their favorite Lending Butter, Butter Worth,

From El Centro I traveled north through the Imperial Valley. The bas skirted the Salton Sea, an inkard to dy of blue water 241 feet below sea level and seltier than an occasi.

Farther north we penritated the date-growing Coachella Valley. Cook-looking groves, neatly planted, continued for miles. Near lad a moman across the nisk presented me with a pound package of this bescous fruit,

# Immigrant Oranges Founded an Empire

Getting off at the Riverside depot, I counted my hageage as usual. For the first time something was missing; my tripod had gone with the bas to Les Angeles.

" Don't worry about it," the dispatcher sais.

"It'll be here tunistrow."

And it was,

I stated at the Mission Inn. What its architecture and imported of jetts made the combined botel and art galleries form us (opposite page), imported orange trees distinguished kiverside.

Young navels from Brazil were introduced in 1871; with these early plantings the region founded a citrus empire. Riverage cradled the culture of Washington thevel oranges in the United States and gave California its major fruit crop.

There years later California planted its first Valerels orange trees; they came iron log-lish nursenes which tarsed this type of Span-

ish ongiu.

figures flow through Riverside like water in its impation canals. Miss one and you must harry to eatch the next. My relationice to leave this city of trees and friendly people and me miss several.

Nother heat nor humselfy could thin the downtown growds of Los Angeles. A newspaper headlined, 'or makers—make, it's hot outside '; but that didn't bother shop out nordes I found as far out as harmers Market (page 14).

Tourists filled hotels and restaurants, jammed streetcars and bases. Liven at Fershing Square with all its penches I saw signs theretving seats for women and children; and standing audiences packed the central fountain area to hear hours of public haranguing.

Our out of Los Angeies, the bus clambed high into the Tetrachard Mountains. U. 5. 93 led us over Tepin Pass and began the lone descent of the Grapevine grade. A gop is



It's the Bids Who Have the Say in This Courses Labrers

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to the track and a pet see by 29 seconds of the court display figures.

(page 35) When I plut ographed longes on he Golden Gate Bridge, crossing the longest sugle span in the world, the State cop on duty helped, too; he d been tending the National Grockal Hic for years (pages 3, 34).

I heard of another lenient poli curat in San Francisco. As he differted disenteem truffic, an intercity has stopped beside him. The criver, having discarded regulation cap for a woman's wig, popped his heard out and asked a falsette the way to the terminal. Good-naturedly, the cop told him where to go.

This closes t mean that I us operators take their responsibilities lightly. Many have triven a million miles without causing a setach. Theirs is "defense leaving," which considers every foolish thing the other fellow on the road might do.

# Earth's Tallest Living Things.

harly one morning I began the all may tide over the Redwood Elighway to Eureka, Call-forn a (page 36). Eugene Malasan, the dravet, soon asked whether he had any sight-yeers aboard. Every passenger confessed.

At Santa Ross we saw an average-size church constructed entirely of one redwood tree.

just north of Benhow we penetrated the agart of the rich coast bedwood realm."

World's taltest being things, and among the oldest, the majestic const redwoods (Seque in temperatures) have seen growing 1,300 years or more to reach from 300 to 354 feet into the science that settles on the groves.

Here one instinctively spake softly or toll at all. Significance? On is two insignifi-

cance. These successes of emis-stirred in mether same feelings I have in a cathedral mellowed by age

We trucked Eureka 40 minutes behind schedule because the driver stopped so often

to let passengers make photographs.

Down by the docks on Humboldt Bay we watched fishing boots talead ling cod. At a fisheries company 24 women skillfully filleted 1,000 pounds of sole an hour. One cut as

many as 600 fish in an 8-hour day.

On ad the reads of the region we met trementous trajer tracks hauling enlosed semperviews logs to some 100 lumber rails in Hamboldt County. Fifty present of the world's tedwood of this species (the important one commercially) stands in this county, which leads ad a bety in California number production. We marveled at how easily natitands and machinery moved timber nine feet in diameter from mountainous stockpiles to screaming years.

One night I went with friends to the only becaused whaling station in the United State. Well before we reached our destination six miles south of the city, we see led what we later viewed as one views a panotamia. A male whale of the hamphank variety covered a rock with his man moth mass—42 feet long.

and as many tona heavy

John Lima drove for the Trinity Bus Line laking Eureka and Revolug, to the east. For the 150-nake trip be gave me a front seat. High mountains, magnificent forests, deep garges with racing streams—a. In incretiale

\* See "California's Crastal Redwood Regim," by J. R. Hallebrand National Colorbanian Michaelle by profession,

#### An Artist's Glumpses of Our Roadside Wildlife

"Take the back rough " forces motorists advised Walter A. Wester, National the graphic Society stall artist, when he started but to point witch with the ditues her Howell Walker's marrative of a two-trop ground the linked States.

"Laboual like to once these combiers up a transcombinemed monoring four. I could show them many sights as absorbing as the 25 I have printed or the National of strangers Magazine (pages 17 to 32)," was, Mr. Weber

The very passement provising point. Scarcely a rate is not readeded with the vulture-haupted remains of a furred or feathered paywa ker of behave more just robotis die of automobile wounds turn of gunshors. The tearless skank seems quarting to be save that a metalizat cannot such a warning (page 25). No cturnal ratel-proving feet trage 25) are so that in places that their bulky bodies shatter speeding rate.

"In Yeslowstone National Park Lonce stapped my car to be a mouse with reactors the road to age. The Some years ago attaituded build britished ov.

a horn toutour for fight-of-way, courged a Canadian car and chased fright ened occupants into the woods.

In the Southwest my headlights have pinpointed coyo as skalking across desert roads (p. ge 29). I have seen others tohowing deer him er, through Texas masquite I takes on I gorgant on clearfied vetas it. Whenever a rife shot ring out, they leavied in churus, as it is answer to a carnet or!

"I watched orgreys (page 23) sailing over Washington D. C. looking for a meal in the Potomas, an equition hawks perchi e on a Capital hotels to evision attends. Front a car parked near ked Ko k laskes Mantana, I fell swed the rate trumpeter swan with benefities (page 27).

"One meaning or many front alterance arring he and und do their rounds have a way of following their

convencia cominar hars to se 31).

I wan there things, and because any eyes are sharper but because in 20 years a wealthe artist learns where to had fee draw ?



Yellowstone Park access their Man's Fasty Pierce Songs to Leep Own Wild Diet 12 party programme and a second state of the Control of the Cont



where the I Then I oberado News, Sentering Beiles Chase in the Agained



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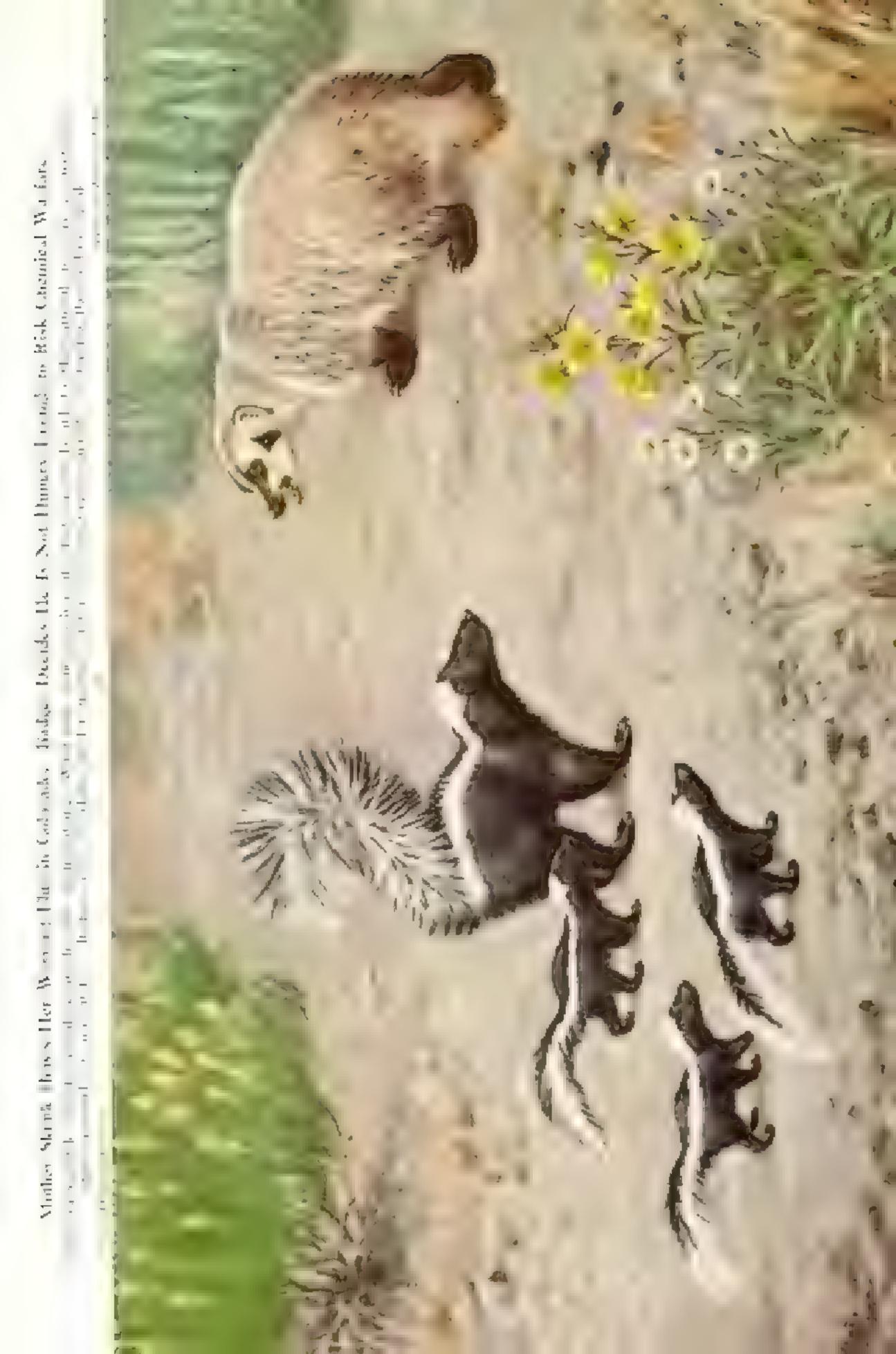
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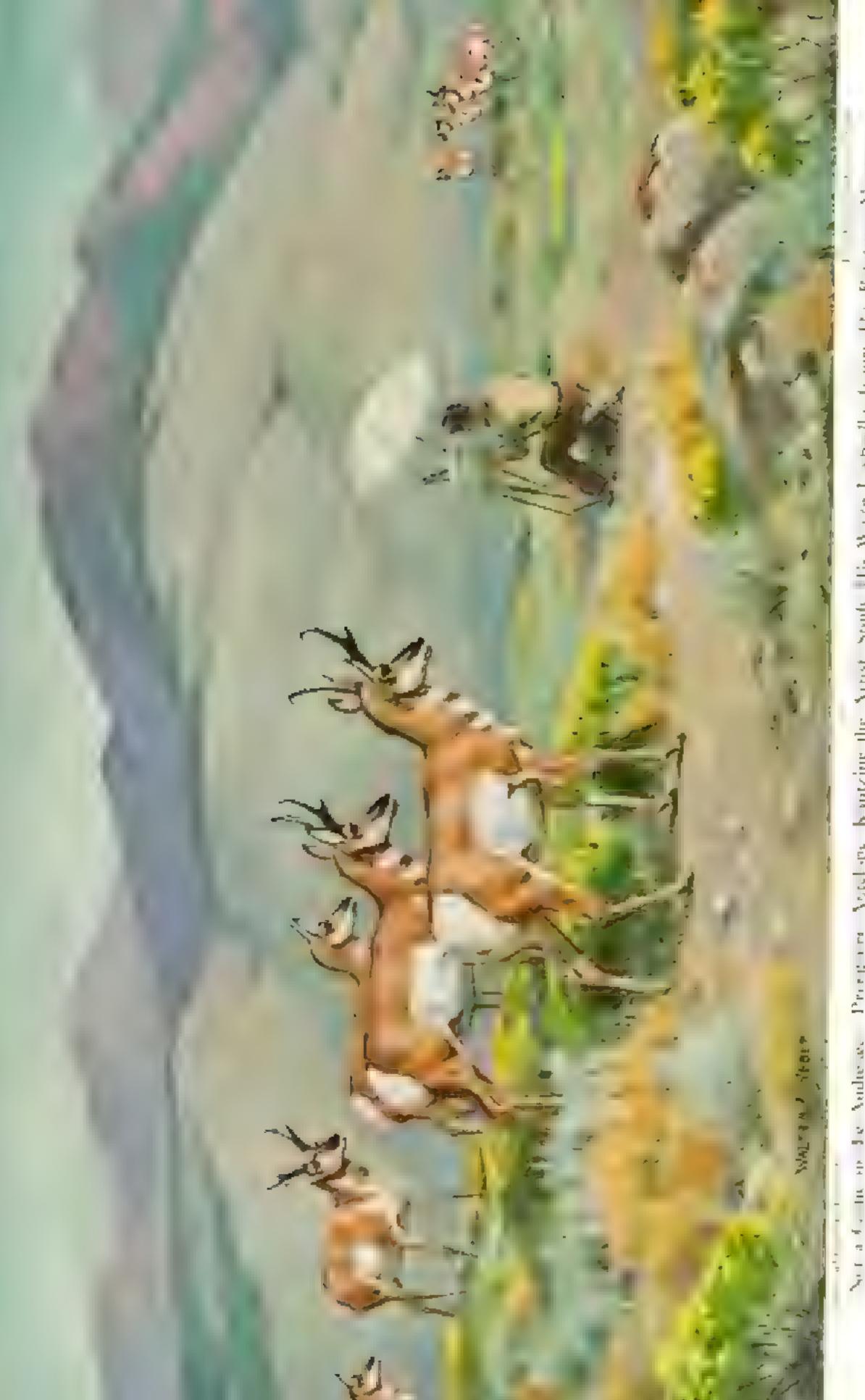
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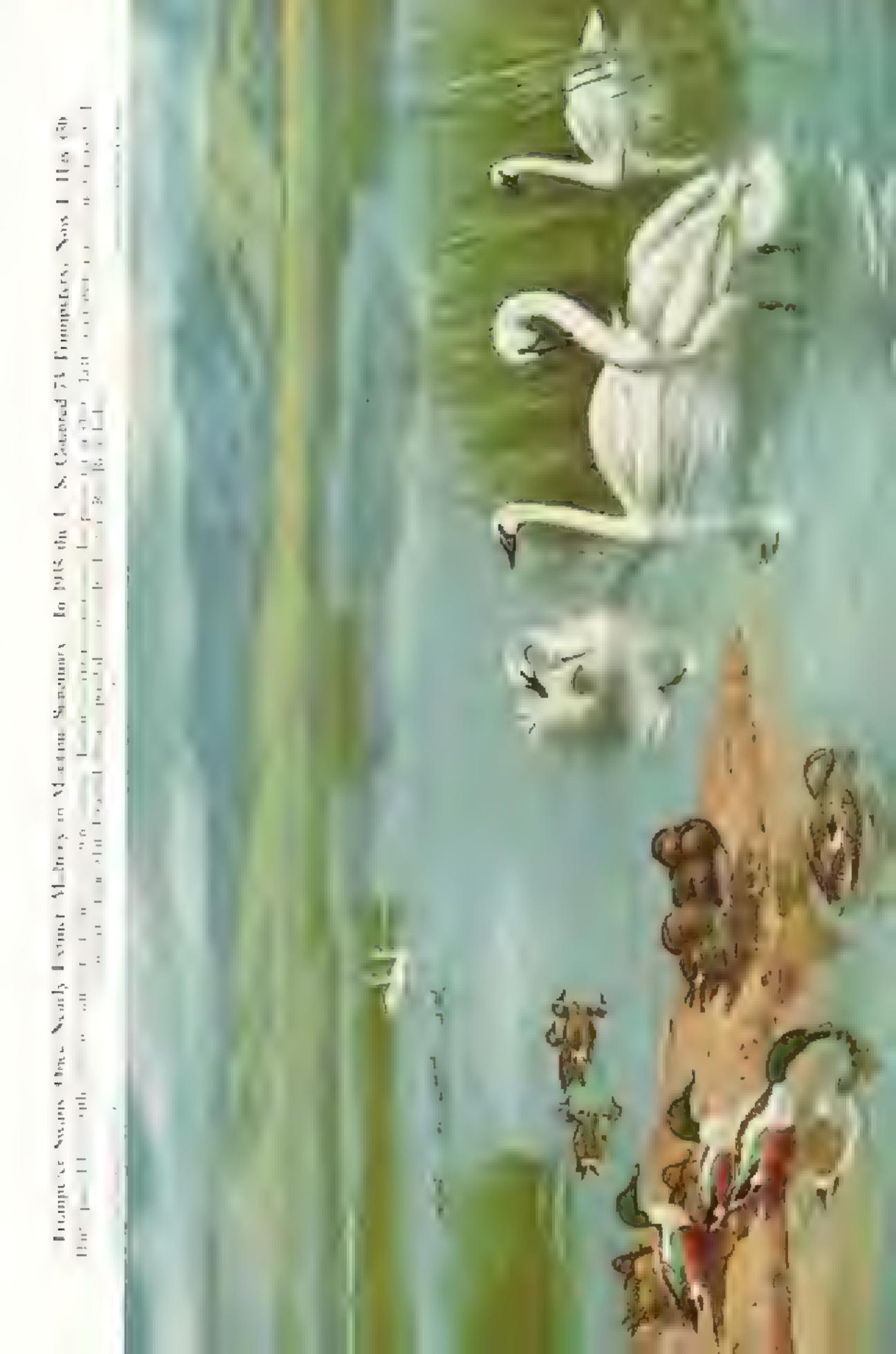
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From Fairmons Tough, R. 1855 Sant Transfer Morde in a Brunch of Word Roser Walland Parallel and the Common Common Reservation Top to bottom of the Common Co



Seedern Phuse I of for a Spinice, Middle Last Sinks in a Midwestern Lake

I had not been a seed to be a seed

and a were with us the whole journey. With its breathtaking turns and views straight up or down, the hattew could helps form the oldy

highway across nor bern California.

troving in Redeing after a hard day of driving, Lima jumped from our las into a private car and drove me another decen miles to Shasta Lake. He showed the the world's second largest and second highest concrete dam, completed in 1945. Higher than the Washington Monument, it backs up three swers and a curk to make a reservoir 35

railes long.

Lims introduced me to Tom B. Riley, manager of the Trialty Bus Line. From Redding, Riley and I went northeast to lacy Burney Falls, then drove south into and an and lavastrewn Lassen Volcanic National Park. Here rises 10 4m-foot Lassen Peak, only bying valcann in the continental United States, but purrely latent this day. At bot sulphur springs however, boiling pools alled the glassy air with the beavy essence of bad eggs.

On the way to Oregon the next day a fully loaried Greybound stopped when I gave the signal. Driver and passengers waited patiently while I photographer, the snow streaked head of Mount Shasta, 14 162 feet

strong the sea

At Mer ford, Oregon, I turned west again to see the questlate of this State. The car climbed beavily forested mountains, deved into deep canyons, and mazed through communities out out of the big timber they milled Emerging from an unspoiled redwood grove. the road hit the coast just above the California hor fer

Oregon's high rocky shore drops about thy into the fucilik and bounces up from the sea like schools of grant purpoises. Some off-lying islands resemble transite backs of black whales; others look like arreraft carriers, and a number take the shape of cathedral

SHAKETS.

## River Teems with Fighting Salmon

To me it seemed that all the anglers in Oregen converged at Lord Beach. States Lited loth hanks of the Regue River mouth; hipwated doores waded between; and fishing boats, lashed borndside, acarly closed the gaping jaws of the river. Chinook salmon were tomaline.

I went us ber as Cross Buy that day and headed for Portland the next. Although the In a larged the source for another hundred miles, fog and drizzle masket all. With all knowing it. I passed the only mainland sea-

how rookery on the Gregori coast.

But the sun brightened the inland pact of

roses, sawnillis, ships, bridges, and buses-Portland \*

After seeing some of the 13,000 passengers and 355 lasses that keep the Greyhound deput awake 24 hours a day, I walked to the Trailways terminal close by. A waiting-room walmap showed that the National Trailways System serves more than 65,000 miles of American highways,

On a Trailways has from Portland to Scattle I sat next to the derect. Lawrence Price.

"Rus driving gets you," Price remarked ' Chece you're in this game, it's hard to let go Personally. I don't think there's any other job that would suit me as well-

"Tunny thing how women passengers go for bus drivers," he continued. "Maybe it's the uniform; maybe it's because we're the captions of our ships and their fates, or something."

#### Drivers bluck a Code of the Road

Price was ed to Greyhound drivers as readily. as to Tradway's mates. He told me that heavy commercial vehicles have a code of the road. If a truck broke thoug on the highway, a bus stopped to belp, and vice versa. They also flushed lights on precious to signal messages. once-know out, cops in the vicinity; twiteeverything O.K.; three times—stop to talk. forg Agebes road obstructions about

In some ways Seatter reminded me of San-Francisco: water front and ferries, bills with steep streets, tall buildings in the fog. many hotels, must of them crowded; and again that

western spirit of levity

Leaving the city, the bus bridged Lake Washington by a concrete and steel pontons highway, largest of its kind in the work-Now easthought on U.S. 10 to Spokane, the Flound humped over Snoqualinic Pass—n. ARCW DO GLIGHTS.

From rocky peaks we wound down to a coal-mining town called Cle Show: then railed out coto the broad Kutitas plains, as unlike my pi tute of central Washington as Vermon,

ави Техач.

We passed the Ginkgo Petrilled Forest where a farmer passenger said he once raised sherp,

"And I suppose they had to leave for lack of feed when the forest got petrified," a wonna-

near hint concludes.

' Oh, the trees stall had twigs," explained the farmer, that I was alraid the sheep would get guilstones if they are 'ent.'

Crossing the Columbia River, the bus fel-

Dr. Bree Sen Ser City City Alaboration, the Ps agreen State." February, 1988, toth by Lon A. Burnh.



Portland Bus Swings Across Sun Francisco Harber on belance didentification for the Bardier To the tent of the first and support the Borb of the first to the countries of the first to the

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### A Mile Deep and Getting Deeper

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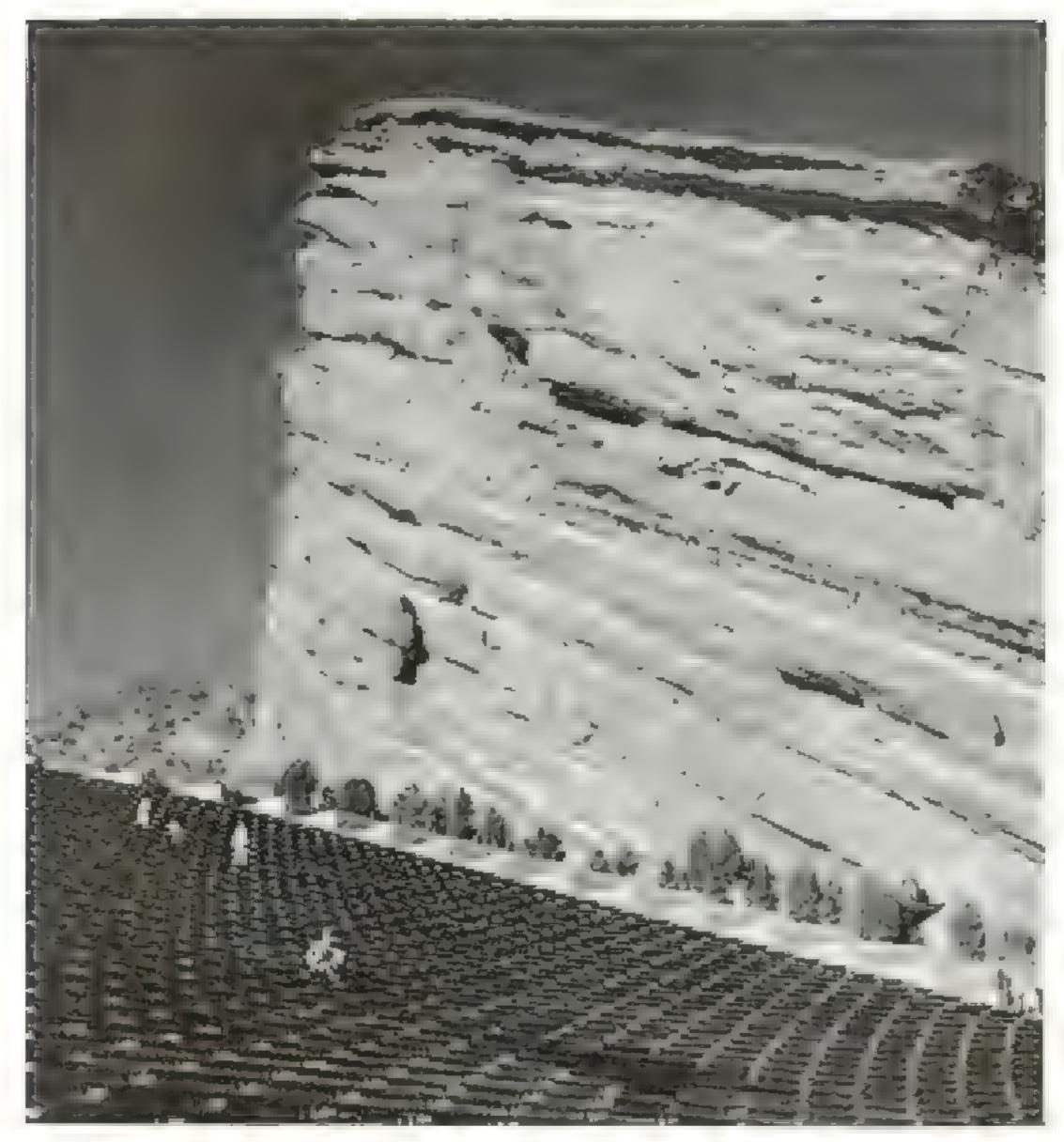
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Alice's character particles

I did attend a daily organ recital in the Tabertacle of Temple Square. The building seats 8,300 persons. It has such remarks de aconsthes that a pin dropped at one car, could be heard at the other—about 230 feet

At the top of a shaft in Temple Square hover scatpended gulls on memory of those birds whose timesy arrival saved the earlest Mornov se there from starvation. Gulls wiped out a cricket plague threatening destruction of

proneer crops

Near he Square, Greyhound has erected a char 27 feet long over its bus center. The depot's pillow stockpile sometimes has as many as 10,000 on hand (page 10). The ludies' rest complis walled with Tennessee marrie and halfroom-size mirrors; the men's features shower baths for 23 cents, towel and some 10 cents extra.

The "morgue" in the busewest holds all unclaimed baggage and articles left on buses or in the depot. I noted hundreds of suit cases, eddneatts of clothing, books, undrellabilities rucksacks, sleeping bags, and camerase and an assent-minded musician

had walked off without his buss viol!

### 12400 Feet Up in a Rus

I made the trip in two days from Salt Lake City across Colorado to Lenver, stopping a night in Grand Junction. The first leg took as aver 7,440-fast Salther Summit, through a rocky, steep-walled valley to Castlegate with its real mases, and on to the finit-growing

plains just east of the Utah border.

On the second leg next day, oriver Herb Benham realized that some of us wanted not unly to see the spectacular country but to photograph it. He frequently waited white we turned our cameras on a ch subjects as Glerwood Canyon. At Loveland Pass, 11,972 feet moove sea level, he gave us tive manutes to take in the snow covered grandeur of the mountains.

Once a visiting French architect beside me jumped up with his camera and cried, " Halt.

Just here." And Denham did

Despite numerous delays caused by passengers, we teached Denver only a tew manutes late. A purphible in the terminal spun the has 150 degrees, abylating much backing in a limited space.

On a tour of the Trailways deput I mustioned the "morgae" I'm seen in Said Licke City.

"You should see cars," said on official and

led for there (page 15)

Some of the items: a lady's pink coast next to a football behard, one white shoe in a brown paper bag, a viola strapped to a pillow, snate dram, alarm clocks, itahlag board, cave alry saber, haby buggy, sewing nuchine, fabe teeth, a glass eye. The baggage man told me that one he even had a live saby on the sheaf, a forgetful mother left it on a bus

for most of a day a triend and I drove into the hills west of Denver. In the Park of the Red Rocks we walked along the aisles of a patural auditorium capable of seating more than 10,000 persons. Gigantic uphravals of Dakota sandstone formed its rust-colored walls, a reep-blue sky the certing (apposite)

We wound with Bane Creek Canyon to the alpanelike hamlet of Evergreen, then swime around to return to Denver by another toute

Standing by Buffal's Ril's grave on the summit of Lackout Mountain, I gazed over Golden, former capital of Colorado and supply base for pioneer mining camps. At the town sedge stands the Colorad's School of Mines.

### Across the Comlands of Nebraska

I went north to Cheyerne from Denver, and Wyoming's which virtually blew my bus into Nebraska. The bas flattened out with the country and streaked due east to Grand Island Light snow dappled the lower richts, all level as a lake. One had the impression that Nebraska never altered, never ended, and everywhere raised form.

Getting off at Grand Is and to spend the night (page 43), I passed a tired soldier goag straight through from coast to coast. "Grey-hound," he mounted with feeling. "Next time I see a gray dog. I'm gonna kick it."

In all fairness to bus travel, I found it fun when taken in stages. To make a journey of several days without a break Irened it into a grand

Omana's Greyhound depet, one of the newest and most motern in the United States, has air-conditioned telephone mooths with plastic walls to discourage ' coorders.'

In the three-level garage covering much of a city block, I watched recunstriction of bodies, repainting, aphoistering, assembly of a regardata springs, and even the rebuilding of lattern

An Onesha friend took me to dinner in an excellent restaurant above a corner of the stockyards, often second only to Chicago's intotal livestock receipts. Over july steak I bragged of all the bas traveling I'd done without a single flat tire. We find a pain ture on the way back to my hotel.

On the express has for Chicago, we crossed the Massouri River, poked through Council

"The in the Northwat Languages Markety," "To origin, a Harrier That Became in Lead " by Mr. I'al. Kerbu, July 1982, "Grass Makes Wyoming I'al." Is I brother to Sampach, Augmet, 1945, and "Nebrusk, the Cornt tisker was a " by Lou A. Bortali, May, 1945,



Day or Night Remaindon Log, Seron or Lee, the Buses Roll, and Usually on Time

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### Home Life in Paris Today

### BY DEENA CLARK

N A SHIMING day in New York we boarded a plane bound for Paris in the spring. My four-year-old daughter. Niki, barely had time to look down from the nir to observe. "The houses look like I muse them with my blocks!" before the chic stewardess was serving us a most chicken duncer prepared by a French chef.

An hour later we were cozy in an immaculate, to may berth. After a healtime story in the sky, we samgled down to a deep sleep while the ocean miles wanished for below as

in the star spangled night.

by men the next day, after a magical 14 hours about, we bud checked into the Hotel

Continental, in the heart of Paris,

Our number-one problem, a pursumalif for Niki, was solved through the overseas edition of the New York Herald Tribune. Our jewel of a Simone stepped right out of its "Situations Wanter, column straight into our hearts.

We arrived on Saturday. On Minday she and Niki were hand in hand on their way to the gardens of the Tulleries, just across the Rue de Rivoli from mr hotel (page 62). Smone's hand was as good as her native breach, and from the very beginning Niki laved her dearly in both languages.

### An Apartment? Try to Find One

Bright and early Manulay morning we becan our hant for an apartment. We soon found that the classic "Chreches to femore" has given way in today's Paris to "Cherches and morrow,"

Practically no housing has been built in Paris for years, and with the rigid control of reat cosings there is not much inducement for anyone to relieve the shortage. Consequently, there are not enough houses for the brench themselves. I have a friend whose father owns three five-story apartment houses in the cannot give his own daughter and her hu-band a place to live

As the days passed, we begin to feel we were kully to we at the hotel, even though the Government had turned off the heat the first of May, making the decision according to the calemar rather than the thermometer,

"Naming of Bring that I saw the headline. "Naming of Bring as Ambresador Ends Wife's Year-long Hunt for Home," I had a telephone will in answer to an advertisement we had just in higher. Madame Blam had "two ben tooms, 65,000 france."

thir French friends said, "Don't even been at it. The price is also lately fantastic." To

us, bowever, paying for more than that at the botel, the \$208 a number for what we found was not exartitant. It was just about the same as we would have to pay for similar recommodations at home

We entered through a stancy court bordered with orange nasturtiums. Tall windows and reflecting mirrors lighted the entrance half We had a fayer, a half lined with spacious clustes, two large bedrooms, a modern tathroom and a had, a faundry room, and a window-lined diama room. The living room affordes a splendid view of the Scine and the Lroad expanse of the Esplanade defovalides.

Before we took passession, we paid Madame Blanc, a kugoslavian married to a Frenchman, a shoelox full of francs—195 000 of them—for three mouths' rent in advance. The rent she paid to the landlard for that entire period was 18,000 francs. Of course we rented furtished and we were asked to pay a \$320 deposit against any possible unauthentic scratches we aught add to Madame's antiques.

#### Stoves and Stoks Come in Pairs

We were especially pleased with our new kitchen. There were two stones, one gas and one electric. Above our two sinks stretched a mase of pipes. One set tan from a gas beater that provided water only for the kitchen, and the other set led from a hage electric heater that supplied the handry poops and bathroom,

All if the pipes were connected in some mysterious way. Taking the plug out of the dishwasning sink was upt to cause lettuce leaves to rise in the laundry-moon basin. Perfumed sharp, on sads from the hathroom basin often gargled up next to the stove.

The kitchen bad four light switches. Each of them, for reasons of French thrift, Illuminated only about four square feet of space. No turning on of the pantry light if one were preling potatoes at the sink! Actually, the triup of an electric part of an electric power to give a cheerful light,

Over one wall of the whichen hung a row of graduated aluminum pans with which I could have be anything from an indictor front an indictor.

I and a real to the panel process index, a since a paper full, a concentrate wealth and a scales with shiny metric wealth. I could not refree tegetables, and a soll basket, the treasure of the assertment, decorrated the shelves.



I howeve of him Blossom over Note Dame on the Night of July 11, Burille of y



Children of Peacet ac Paris First to the Return of Punch and Judy

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### "Oh the g Super Market!"

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### Into Calva Brasia

In the circ market, called, some in the lemma of a beat," the ashmoup is an among a flower provincial country of a country and ghoreness based lack masses. If I is not a a quart, tell pearls of cayers at about 23 or in

an ounce, and kippers on tables of cracked, silvery ice.

At the duity, eags in glass books were priced at 5 to 7 cents aplece, depending on their size and how recently they had left the rest

Pasteurized milk—about 1234 cents a quart -was very difucult to find in the land of Pasteur. Most abopters brought their fin pitchers, with the chain-attached covers or their jars, and had their supply of "natural" in be—11 cents a quart Ladled out to them from zine vats.

I could buy cabed and wrapped by the st but this a half pound, but the most popular, and slightly cheaper, butter squatted in watermelon sized yellow manuals on much he sales.

The propriet or filled customers' orders by reftly slicing off a portion with a tent wire held stretched between both termbs and fore-timeers. It was such a simple and effective operation that I complimented him on it once.

"Thank you," be replied. 'out we do not think it extraordinary. In France we have the expression for semeone who is not very smart

He could not invent the thrend to cut the latter

Terratres of round and creamy Caparologis were stucked between protective Livers of golden, clean, sun-fresh straw. Chivre, recognizable immediately as being made of goals mik, was 19 cents. Port do Salat, made by the Trappist made, Roga fort; Grayère; that dend-bwiss—snowy morsels from the breach Alps. sal four a their way to our cheese platters.

We learned to honor the custom of cutting a Camembert in trangles radiating from the center of the "pie," We found out that a Camembert was improved by corefully scrapsing the crust, buttering it lightly, and springling it with toasted crambs of almost ds.

Bric we cat adways in wedges, down to the last guest. A gentle tann of caraway steds added cost to a

Choese was always served at our table with individual cresp tolls see inches long. It remember childhood struggles in Cultiornia over who would get the crusty beel of the brench rend. Here were no table tussies—the rolls were all beel.

### Pastry Supp Fantasies

Fabulous fantasies held us spektound before the wind my of the pastry shaps. A few cents would buy a fat baka on throu, topped with a persy stem of green citron. Blush agreed with struckeary syrap, they always bedeed to me like happy peaches that had had be much to drive. Spira ed pastries initate.

cream cones, custord-filled and cherry-decotated. Crisp naringue boats sported sails of triangular sheets of chocolate.

those er's pastry their created a caramitcrated cream pull no bigger than a glostening walnut. He could make a flated pic the size of a 50-cent piece—just big enough to accommodate three gay looking cherries. Tea-party crookies hore names as charming as the sweets themselves—"rat's torque," slenger slivers of bittersweet crocolite, and "tiles," cooled over a rolling pin to make them look exactly like feather-light, curved rooling sheets.

Kiee, a very scarce item, I I und at the granary. There, bulging from finely worten buriap bags which took up so much of the sidewalk that passers by land to step into the street, green spllt peas, rath brown-red kidney bears, or per chick-peas, marble-white rive, tones in a color symphony. Above al., as if to drive any passing hir I to final distraction band golden millet sprays burstling with plump kernels.

### Artistry in Land

Had I shopped blindfolded, the aromatic casks of wine-cuted green, and wrinkled black, olives taked with the puncent odor of hanging bunches of rich sausages, including salami, would have told me I was at the pork takeners. His excellent bacon, in chunky slabs ready to be cabed for soup, sold for 50 cents a pound.

His special profe, a pure-white mound of lard, he renewed daily and decerated with a deferent design each marning and after noon. His knife-drawa masterpiece was a toso, its petals scooped out, its center dots of cloves, its stems and haves the groppry of thome.

One of my tarketing streets, Rue St. Dominage, where the Eiffel Tower superintended pay selections, was just amound the corner fraga of a apartment. I soon learned never to cotter unequipped with a string shapping bag. And how it so 1d expand! Magically, there always was room for one name item, whether it was a siny, toylike waxed isortel of fresh tream of an oversized melon

Few merchants "tag" their wares, although aems such as graphs, as a special concession, were frequently put in fragile, coronographike containers. Certain pastries, but, were enveloped in the and cruckling paper, whirled and harried out with two "readulears" where the ends were twisted together.

to the state of th



From Solvert Colors in the Colors France Papers Worth the President World Colors by the colors of th

Unwrapped carrots and bananas would bristle through the bags netting like orange and yealow minut me cannons, but they could not estate. But peas and other small delicaties were a problem. I could always seave a trail of cherries, spricors, and plants of which Hansel and Gretel would have been proud.

An American friend told me the first time she went marketing she was on the search for 50 pounds of ice. She did not know she was expected to provide receptacles for her purchases. The membant backed off a block of ice and offered it taken without even so much as yesterday's Paris Som for justilation.

Visions of children's danced in her head, but fortunately a friend of the proprietor's seated at a back table said, "You may have my paper If you'll walt until I finish the sports section."

### Shapping for Grapes, a French Rite

The l'ures housewife soon collects a spindle full of deposit slips. If you fail to take your own jar, you pare a Secret ransom on the Jam glass provided for your cream. Merchants charge for the Lottle in which computes of pear are preserved. Woven reed herry baskets are valued at 16 cents; tiny l'errier water of thes, about a penny and a half.

Oll, vinegar, and wine bottles are redeemable, too. Unly those for champagne do not bring a refund. They come under the

category of "lost bottles !

Rue Cler, four short blocks from the outdoor stalls of the Pont de l'Alma market, I found infinitely quieter but slightly more expensive. The street was lined with permubuating carts that held jewels of raspherries, never squashed by being sold bailed. American style, but round, firm robies of sweetness Mirabelles (a variety of damson plana) blushing yedow and red smeet colors, at 9 cents a pound, made the best fault jelly I ever tasted.

Here knowing kreach budsewives shop for grapes as they choose their vintage wines. They know not only the destrict in which the fruit is grown, but the estate that produced them, and on which side of the hill they re-

ceived their sunshme,

On Rue Cler royal purple eggplants were 8 routs a pound, and green cucumbers 12. Plump red tomatous at 4 cents a pound sat next to fat, thattony mushrooms. Every item, by law, have a sign which gave the price paid by the men bant to the wholesaler, and that to be charged the cost over.

Wary horses were kept a starp eye but to see that they do not pay nore than the regal markap. Cards reading, "Lemons, 14% 170 Peppers, 35–44; Green Gages, 62–78" were familiar sights.

For 22 cents a point I bought romaine lettuce that was so young and preen I could never bring myself to deale the tender center stalks with a dressing. The woman proprietor at that vegetable stand always totted up my talk on a black from state, which was really the table of her scales. With a cheerful, "A thousand thanks, Madame, " she would then exact the chalk futures and be ready for her text that meer

llowntown, near the church of the Madeleine, a "luxe" store sold ripe strawberries so sweet that only the double tream we posted on them needed sagar. There imprint, bandpicked peach-apricots were displayed individually in waven green fluted cups, as if each were a gamt London.

Purple \$45, each on a pull of tissue-paper accordion pleats, stood side by side with guiden peacs still warm from their aundrenched, espaliered branches.

I bought good sized clusters of amethyst grapes, at 63 cents, which were so nearly prefect they booked like initations. They were still lightly and even y disted with powers from the vineyards, proving they had not been disturbed by the picker's bunds as they were stipped from their vines. Silver-tied, Nitegreton grapes beside them were as trenslucent as the clear waters of the Rivera, from which

One day I was surprised to see a small box of dal, wisened fruit among all the splendor.

"Now, who in the world would buy peaches that ho ked like that?" I demanded.

"They're almonds, Madame!"

they came,

And the merchant cut one open to reveal the ivory nut imprisoned within. From my first country bite I was a fan. They different as much from ripe, dried abutonds as jucy grapes do from raisins.

#### Sun-decorated Apples

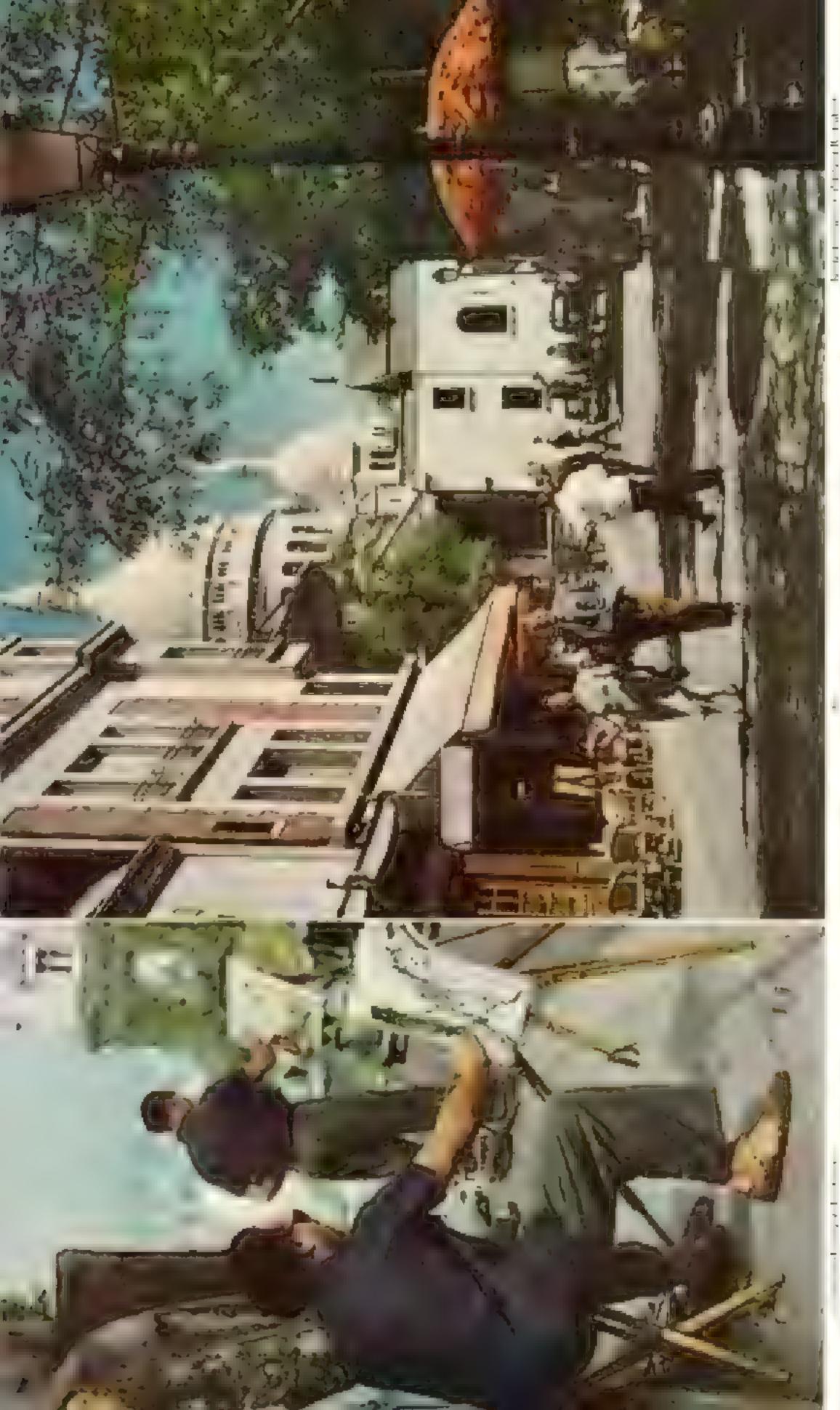
The shops special pride was a small table of apples that, selling for 25 to 55 cents apiece, hard been decorated by King 5 on himself. Maskings had been applied while the fruit was still on the tree, then removed after the apple had "tanned," to reveal complicated pictures

Sharply etched airplanes, windmills, crowns, pairs of love or is, horseshoes arching above sading above sading above sading above pairs at us, and, most wonderful of all, an arthered stag's bead encircled by a hunting

liam, were an ing the designs.

bond prices thicknated from day to day. Some weeks potatoes, a 2 cents a pound cost less than a 'dine' of bread. It depended to what was in season. Certainly I saw as shortage of good food. Toony all wartime





also in Swetch Street Scenery

# Charles Calledad Appears in Colle





## \* Nic the Anthon's Daughter, Helps Make a Bettle Free Greek

### Y Kingles of the Water parers Admir Two Americans to Their Burks





In the Capital A Fushion the Author Modeland Double More

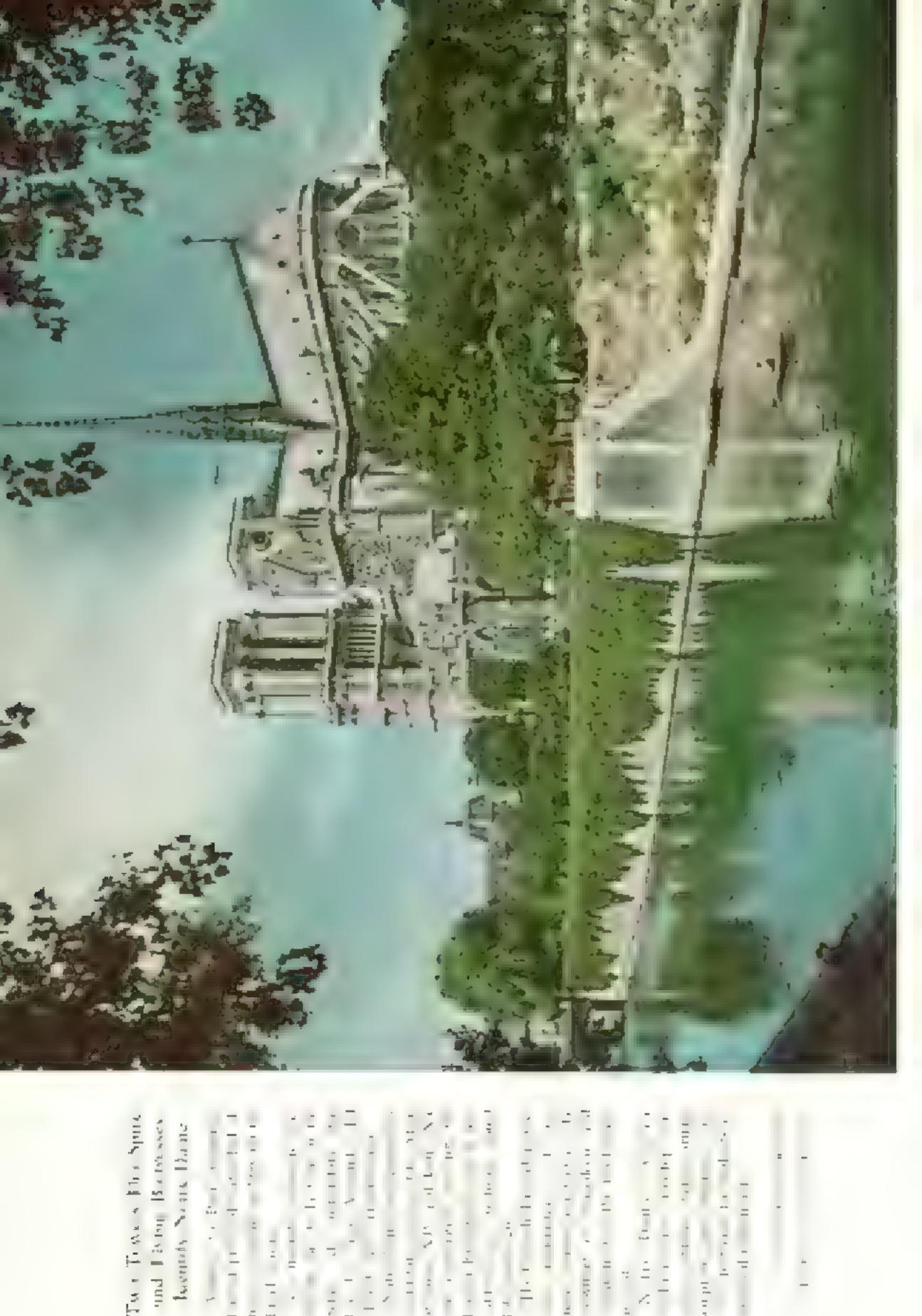
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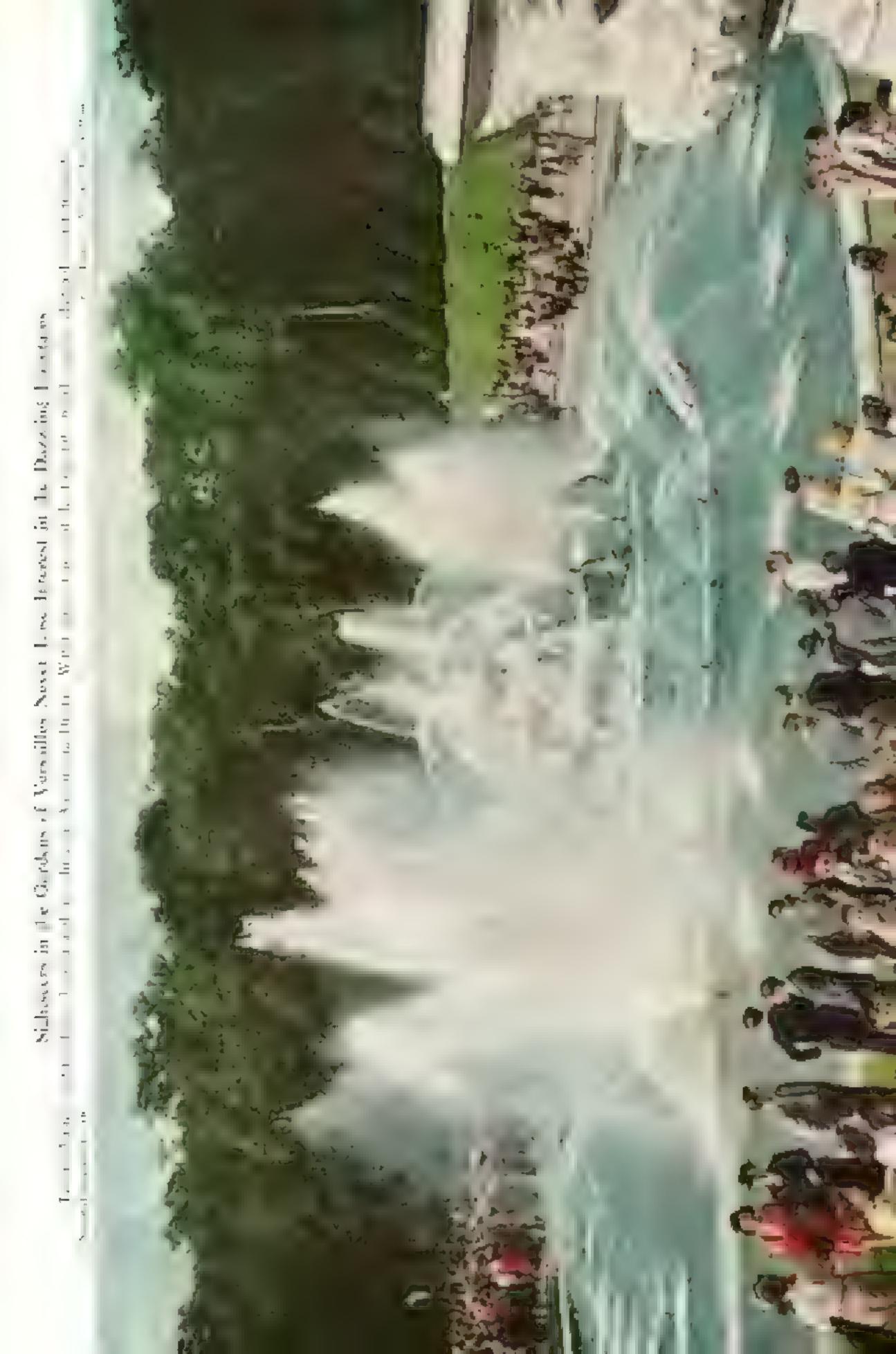
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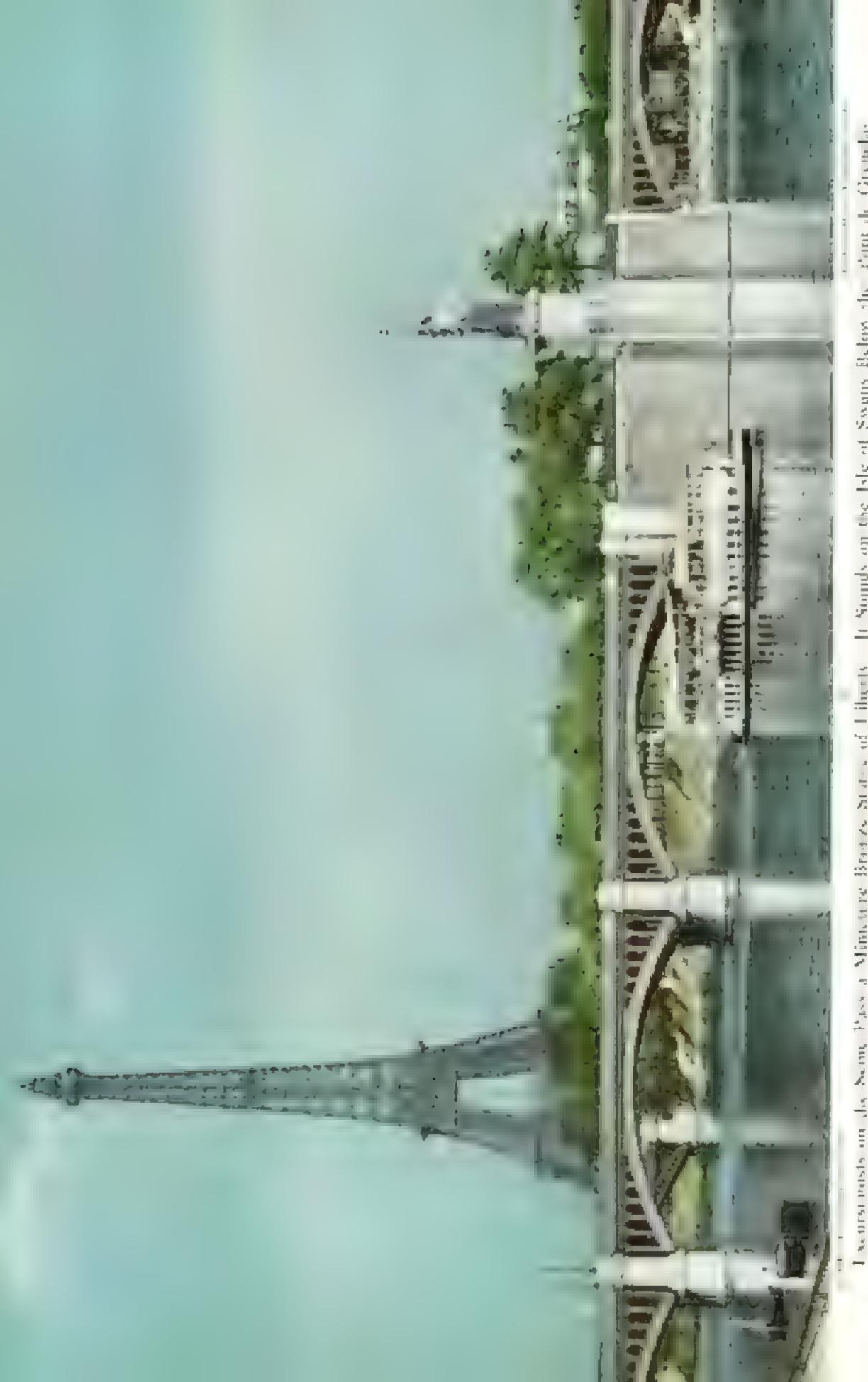
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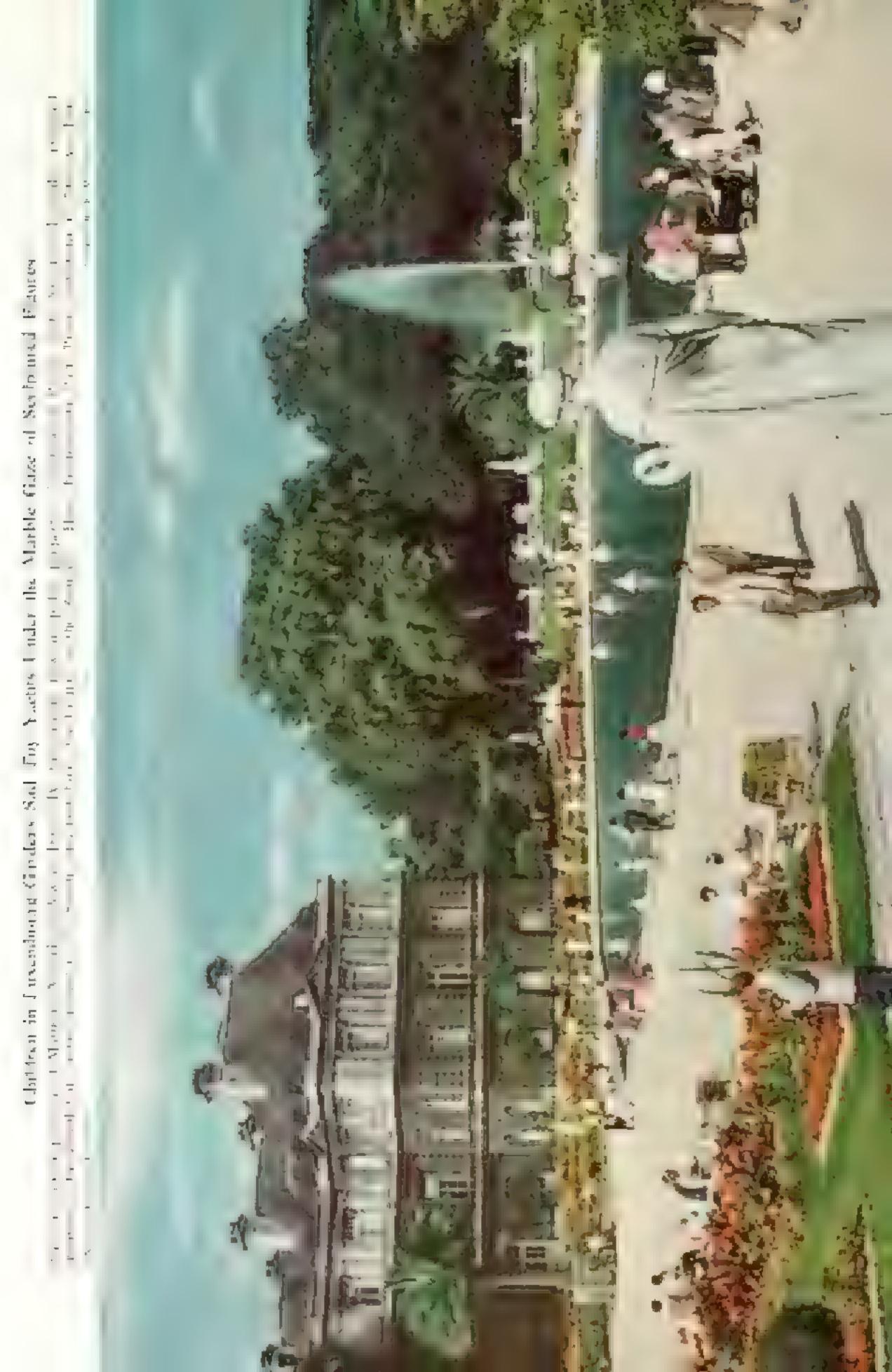
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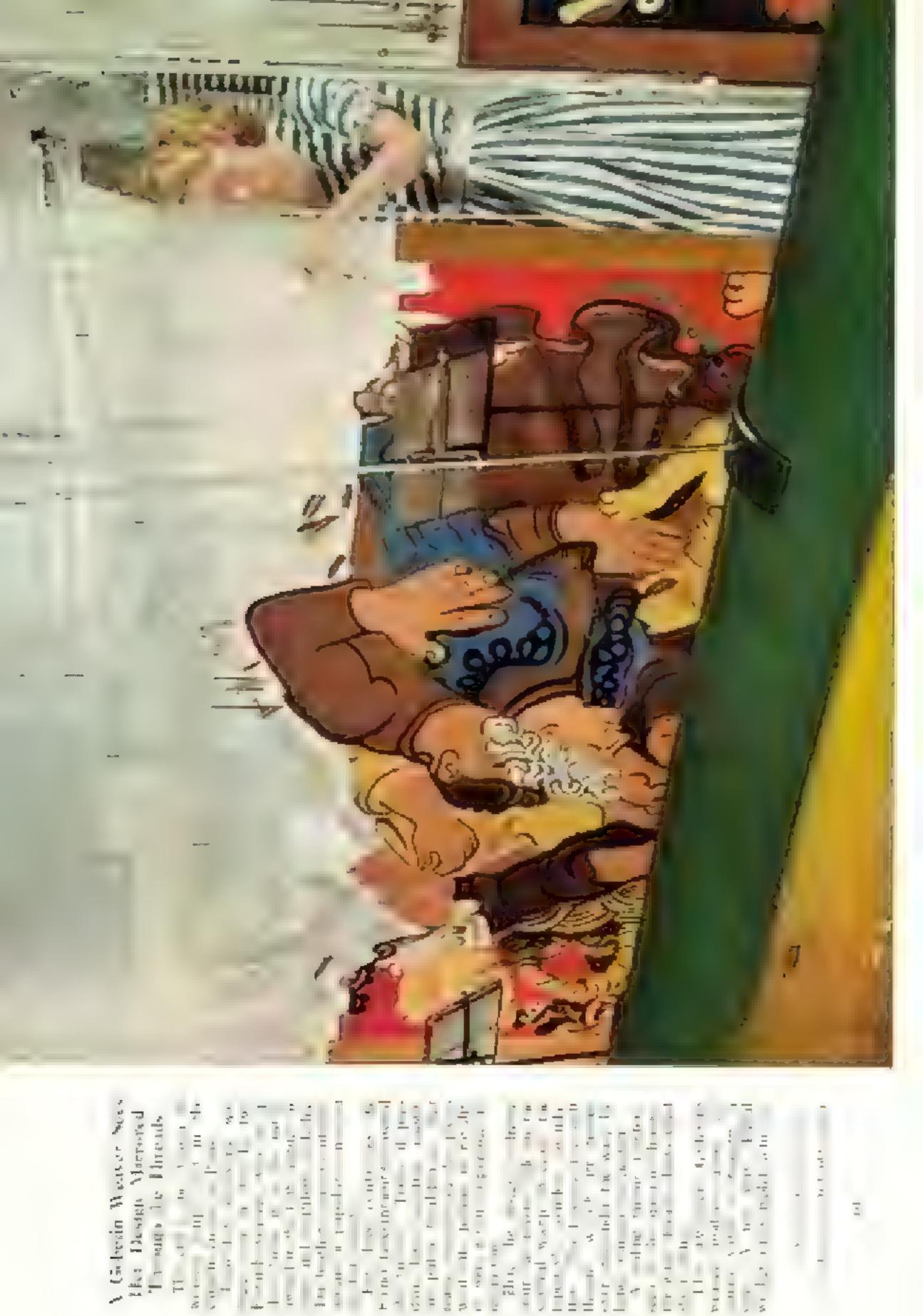
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## has the very a very beginning

### v Bad es and Hars Proclaim Man's Jordan in backnown is Salarg Organ



rate using has ended. While I was there, sugar, it, and coffee stall were restricted, but the overchants were liberal about selling them all without coupons, since their shelves were so

well supplied,

I found that, on the whole, food prices were practically the same in Paris as they were in Washingt at. D. C. On a monthly basis my bridget for four people, excluding entertaining, ran are an 18125 a courth. The French themselves do it more chapply, averaging about 50 cents a day per person. And on that they est bountful meals even the children.

One afternoon after a little French plays mate had eaten a full-course limeh with us, I took the children to the Laxenbourg Gurdens (pages 45, 59). At 4 o clock Jeanne began to pant, "I a hangry!" Thinking to provide a treat. I said we would all have some cookies when we got home.

No, thank you," she replied. "I prefer

something respectable!"

In four months I pever got used to the fact that all the markets closed on Mondays. Some even shut down on Summarys, making it a long

week end from bridge to Taesday,

I had penty to da, however, when the markets were closed. I neered a cleaning woman who could cook, and many are the hours that I spent looking for her in vain, so I took over the operation of "le Howet," and Simone did the cooking.

My French friends warped me not to pay more than 10,000 frams (\$32) a month salary I scandelized them by giving Source twice as much, in addition to bear, and a lovely private pour on the same of; but she was with us, and on time, every source my from our arrival until the day we left.

### Simone Rescues Chaking Secrets

Simone, wasse experience was supposedly purely nursemaid, furned out to be marvelous. In the katchen. She was full of salty observe tions over her steaming soup kettle. "Well, that will fid up one corner, anyway!" she would twinkle. Or, drawing a cross with the bread knife over a lost before cutting into 4, she would say, "Country people always thank the pood Lord for the daily bread!

I learned a lot from Semane. When I skimmed what I called "setum" form the trp of the boiled milk, she resetted it to curich a

stew.

One thay I decided to straighten out the screened pantry which perched outside the satchen window. I gathered up a handful of dreef leaves and twics and was about to tost them out when San one snatched them in pant. You're throwing away the secrets of French

cooking" she cried. They were the herbs with which she had been making our sauces as tasty.

When we bad dinner guests, Pictre, the conderge, assisted by an Ithmrant cook, changed his denim apron for an immuculate white dinner jacket and served for us, for \$3. He could construct a tower of fruits or decorate a platter of bilster that would be the envy of the Rates that

the laundryman was a resyscheeked ther his who did not beauty lines sheets—they were actually more like hemselfabed canvas—for 14 cents apiece. My nightgowns were present so beautifully they could have hong in the show windows on the elegant Rue St. If more

My husbands shirts because they were starched all over not just at the collar and cuffs. Fre ich fashlon, cost approximately 50 cents each. The laundry had a specialry, "American ghate." whereby the collar was given such a high sheen it he ked lose religion).

Our Liquity mark was sewn in with red thread. My bushand would often uniful a bandlered lef with two oversized letters and a red cross blazing away in one corner. Our weekly bill averaged \$3, slightly under what

I paid in Washington

Our get bill usually fan about \$2,40 a morth, and electricity over \$12. Our regular morning and evening baths turned out to be an expensive luxury, but the telephone bill was what really threw our proget out of line. It never totaled less than \$15 a month, and went as high as \$25.

The lovely view from our windows continually remailed as that there was all Paris waiting to be sight-seen. We went first to the end of from esplanade to the global des lavalides. There, in the park, Niki played every day in the shadow of the dome where Napaleon is sleeping am mg his tatterer balticulage.

### Dining Nearly 200 Feet Aloft

Mariel and Muræ. Tourrenc, the charming French couple who became our closest friends, to dong with their little san, Patrack, to be the city, the Fiffel Tower. We anothed in the spacious gives enclosed restaurant on the first platform of the structure, almost 200 feet above the spacking Seme (pages 49, 58).

From a higher platform the children samed paper airplanes down into the panoramo spread for miles in every direction. The mathaster-waite basilica of Saute Cour gleamed atop Montenartie (page 50). The Arc or Irlamphe sent out us 12 per ect rays of blossoning chestnut-lined avenues (page-



Winged Victors of Samothrace Holds Honored Place in the Louising Trussure House of Art.

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In Admin Continue Jeweley, Golden Sea Horses Swim in Plastic Seas

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One I joined a round a role 1/10 mg A distant in the Bedge has been a three rance of the Musee to a We were all waiting the afternoon opening of the wayworks that rival Madame Tussaud a ju Lout being

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It's a Gay Whiel in Paris for These Merry go rounders

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diress her bible boys beautifully in hand sewn transers made of her husband's wedding wit!

The thing that most surprised me was the justaposition of the downly and the chic in what has long been the style center of the world. I think that with most Frenchwomen, especially since the war, their interest in investments actively should a vestments.

Part of the thrill of Paris, though, was going to the chandelessed and velveted miniature theaters where the gners showed their latest creations. I gave whole rudictions, such as Jacques Path's, that I should have liked to take home with me intact. Pierro II dumin a superb opening held in a huge pure, with tall trees waving against upper story windows to make us feel as if we were in a caving held, sparkled with creative mastership (page 53).

### Restaurants Biggest Paris Thrill

The best enterminment in Paris, the more that can be enjoyed night after night, is not to be found at the spicy Folies Bergére or the high-kicking cancan stronghold, the Sal Liberia. It is not even found in the cinemas that show American movies with dubbed of French issuing magically from English-speaking lips. It lies in the restaurants of Paris.

I can think of no place in all the world where it would be more heart-breaking to be on a diet. The number of small restaurants with large menus is amazing. Whether I went into a bloce that did not offer me even a paper napkin, or into an expensive rate that wrapped each heated plate in a separate warmed napkin as it name from the kitchen, as hing as I was dining in Paris I had a new take treat to look forward to every day (pages 50, 63, and 68).

The Parison restaurateur series you not only a meal, but beauty that is also sustenance for the soul. Each sainde auguse with its vermition rings of red propers, each cerise tart in its flaky shall, each serving of powers soughfor, goldedy toasted and resembling miniature pillows puffed to incredible light ness, seems to have been prepared for a photograph in color

Under surroundings in Paris are levely, too.
It the Grand Velour, glittering with handpainted mirrors 'quet as Napoleon used to
like it," I was served a tiny hard garnished
with white grapes and a flame of cognet to
ught them up

in the shadow of the wings of the ginet of win inith that turns above the Jardin du Munt-martre. I was tempted with a chicken so crisply consted that it crackled like Calaese curk. A the Chapland, only a block from our apartment, our favorite waiter brought as pair de foie gras studded with traffes.

Historic Place du Tertre abords treats for eye and ear as well as taste. I just comes the emisic of a mandolin played by a strolling musician. Next, an operatie vuire fins the afr. nobling the entire square ausolutely quiet. Then an artist with scissors banes for attention on a platter with a spoon and cuts ordinary paper tablechoths into patterns that would defy have the beenakers.

In large, where a meal without wine is like a day without sandame my husband and I were delighted to be initiated into the Enights of the Winetasters (page 52). Lathe ancient chateast of the Cies de Vougeot, called "the cathedral of wines" by furner American Ambues ofor William C. Bull'tt, we sat these to a repast such as I had never before seen

M. Georges Faireley, Founder of the modern chapter of the Confrere des Chevaliers du Tastevin, a continuation of an order established in 1703, led some of the trasts to wine. One was "like bottled velvet and satur", another "deserved to be drunk only with one shat removed and one's eyes raised toward heaven"; and the slow sampling of a third afforded "the same phasure as watching the spreading of a pessock's fail"

Inaught then of new members was presided over by officers dressed in historical robes and following ceremonies dictated by rices over 200 years old. Fig. h initiate, as his name was alled, stepped forward to receive a tap on the shoulder with a granted and ancient grape vine rice, and to be gashin led with a ribbout from which hung the earlier of the order, a silver whether out.

Usually one must have years of background knowledge of wines before he is invited to join the select group. Very proud that few other women in America are members. I willingly took the you to support the hour of the wines of Burgondy, but I must say I consider myself no expert on the pressed grape. "Now that we are Chevaliers du Tastevia," I tell my husbard, "we can tell the difference between white wine and red!"

### Weeks on the Riviera

The end of September came I close we know it, bringing with it an eachanting two weeks on the pine- and sea-scented Riviera and then our date with Air I tauce to return to America as we settled down in the plane. I felt a nostalgia for the Paris which I had not even left

I remembered the workmen sweeping early-morning streets with their twig brooms: "o artist who drew in colored enals on the oil walk, leaving a resplendent Jeanne d'Archendent beside the Guthle arches of



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### Down the Susquehanna by Canoe

By RALPH GRAY

Programme by Vanna of Grand Bloom to the Water Make Maggers Edward

ATTY BUMPPO the Deerslayer, padis in the season transfer on Psezo Lake's blue expanse to meet Chingach-

g tok, his Indian ally

At Council Rock, their prearunged meeting place, the redskin sprang onto the auk, jumped abound, and the two friends swept away. Host le Indians drop ed from aver hanging trees too late to harm the heroes of James Fenimore Cooper's Lentherstocking Takes

More than two centuries later, our cannes Susque and Human passed into Council Rock. Though no Inchans remained to greet us, the place was fitting for the start of our Susquelum out canne trip. A few feet away the river

begins as Otsego's tiny outlet.

From its central New York State source, the Susquebanna River ziganas across Penosylvinia and coupt es after 434 crooked tolles into Maryland's Chesapeake Bay (map, page 77). Our plan was to canoe this distance, pas certain tributaries, following in the wake of autold generations of red men,\*

### Canoe "Expedition" Starts in Station Wagon

Our Susquehanna River came "expedition" but begun in decidenty unstadian style by "embarking" from Washington, D. C., in a Mation wag in Soon the vehicle was cooling off in the sharows of steep bills surrounding "Glimmerglass," as Cooper called Otsean Lanc.

We made our first camp at Mobican Point on the west share, and knew we had not expected too much of Otsego, for such beauty

is bard to overrate (page \$1).

While Toppy (Walter Meavers Edwards) tunde his first of 1,200 photographs, our five self-styled "mustle men" busied themselves

about camp

"You may have to look twice to see my muscles," said Alex Toth, our 330 pounder, but I'm always ready to help, especially at qualitime." Harold Grav, my brother, and Caleb (Cay) Hathaway, whose canvas rapor Sanny was to make a third unit in our dotifle, had done the Potomac River with Toppy and me two years ago, t. It dett Hoopes and Donal Blakley supplied the youthful touch

Others who joined us later as vacation time ran out for the originals were Adolph Gude, Jr., Gibert Gale, James Evans, Gordon Irvin, and James Douglass. Don, Dal, Toppy, and I went the whole distance.

Easygoing Dal, a Haverford College Janice immediately made a bit with his elders by laughing hearthy at all their jokes. Athletic Dan, a University of Maryland freshman, regarded every activity as a test of strength. He was happiest at finding a hard way to do an easy job. "Musclest" "Bulz "Mighty Joe Emang" we called him. Also "GE." for his ability to make feed desappear like a disposal unit.

Even now, the active youngsters were out in Sonov disturbing Glimmergluss's redections. Here young Deerslayer first matched wits

with hostile Indiana.

Cooper wrote of Otsess because it was a spot be had known and loved from toyhood. Shortly after the Revolution, Judge Walkam Cooper, an enlightened land promoter, founded Cooperstown, at the south end of Otseso Lake In 1740 he brought his family, including year-old James Fenimore, to the winderness settlement.

After schooling and a career at sea and doroad, the novelest in wed back to Cooperstown. Fenimere House, on Otsego's west shore about ball a mile north of the parklike village, is a stately modern Georgian stone mansion built on the site of Cooper's home. Now a museum, i be uses the central quarters of the New York State Historical Association.

### Baseba I's "Hall of Fame"

Other Cooperstown museums are the Basehall Hall of hame and that "rural Williamsburg," the hamers' Museum

In 1839, when every locality played its own version of "base tall," Almer Doubleday laid down at Cooperstown a different-shaped field, langed the number of players, and set uprules which helped standardize the national game.

We hanched our capoes at Mobican Point. Surque and Human knew water for the first time as their 13-lost manimum in he splashed into the lake. I from the steen of Surque, the flagship, fluttered the colors of the Navienal Geographic Society.

"Maybe we should paddle the four miles ato Cooperstown with Laseball bats," Toppy

suggested.

\*See "America Lant Set lers the Indians," be Matthew W. Starling, National, Greeky 17, Mary 2002, November, 1987.

Osce "Lown the Poton at by Camer," by Raphi Grav, Nam. van Grantsperr Mosazova, August, 1946.



Start of the Course—Courses I ment the Sasquelon on at the Barthplace. Observe Loke

He are puddless with painty strikes send burger, Physica, and Sasay along at a fast clip, for the start of the second se



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#### Summer Day . Recor I am

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New York and Prices years were less of their drest own or a real for the prepared Maria over a real research of the station to the tarked downstream

her, we chance the parties are a considered of the first of the friver came up and smarked us. We set the filler than the bottom of the friver came up and smarked us. We set to of blue, red, and then paint on rock and grayel. Haroid and Max, setting an emple, stepped into the financial collaboration and slid Haroid above.

All that long first distances, us solved and long first distances. Use solved them the carried them proceed a first order of the carried them proceed at a first order order.

This part of the Susquib is a live while as a live grown, about the state live to course if a parcheesi game three sixty.

by spring flords had toppled into or across the river. We hacked our way through or lifted our craft over

The banks were steep and overgrown. We lashed our causes together and are broke while drifting with the slight current.

"To think that Clinton floated an army south on this river." I mused.

"Who was Clinton?" asked Dal

'the of George Washington's generals. His job was to destroy the Iroques (nor Nations) after their fietre raid on the Wyoming Valley entires chiring the Revolution. Supplies and a spinent for some 1,500 men went down the er on 205 heavy, combersome botcaut.'

\*And we're having trouble with coupty

camors!"

itut Gen. James Climum used bram as well is brawn. At Come II Rock he hall in dam across the luke's outlet, raising Otsego's level Then, on August 8, 1779, he hocke the dam and his sturdy flatboats raced through the Susquehanna shallows on a foaming head of water (page 80).

But for us it was tough sledding, literally As Surque or Hanna scraped on gravel Lars and rocks, dairy rows grazers adjuicut instruces looked up in wunderment. Or was it quest scorn? We began to feel a little flobsh before our constant gullery of well lived herds.

#### Carious Cows

We made a long portage by station wagon around Goodyear Dam and camped in a compasture near the confluence of the Schenesus Creek. The lows he ying the ads, were not all content until they had suiffed at each of us and our equipment several times

Cay, I ton, and I tal tried to bed down heneath the stars, but the inquisitive cattle drove then. In Several times during the plant I was awakened by moist become snorts on the other side of the thin tent wall not four inches from my face. Harold, likewise disturbed, mattered, "We must be caroeing down the Chisholm Trail, we've seen so many cattle and so little water,"

Next outning we saw three water lots of Chaton's date been broken to help use the river was up to a respectable canoeing depth, and many still more. It is the first time I was singing the gurgling as no of fast water—a foot higher than the night before.

Workmen at the N.Y. Highway 7 bridge explanted, "They let water through Goodvear Dam every morning. The rest of the day it

by off."

to be to be the crest of dam-let unters just to be t Californ's press. Kittles a ut shallow

places were for today, with the swift water carrylag us over should are rocks that 24 hears before would have meant wasting. But partaging are not two of 4 hazanta's three datas slowed as 1 mgs 821.

While we slept in a cow-pasture camp in Orego, the high water from Goodyear Dam tru out, and by morning we were out of sequence with the rivers type and downs. We doved off in statlow water again.

#### "Clameing Fellows" Make Local Never

The Otego bridge was lined with people waiting to wave good type to us. Newspaper and radio accounts of our veyage had raught the popular imagination, and people began looking for "those canoning fellows."

A lady rushed cut from a riversile cabor brandshing up regund said, "Oh, if I'd only known when y mid get here". I was just start-

ing to bake you a cake."

The pretty Burnside twins raced over a meadow with their dog and box camera and snapped pletares as we passed. At Welis Bridge, Bul Grout it swang from a giant clin, let go his rope at the end of a 100-foot arc, and plummeted 30 feet into the water however our canoes. Forther downstream a woman swimmer looked up surprised and said. "Oh, are youse the Geographical husinesses?"

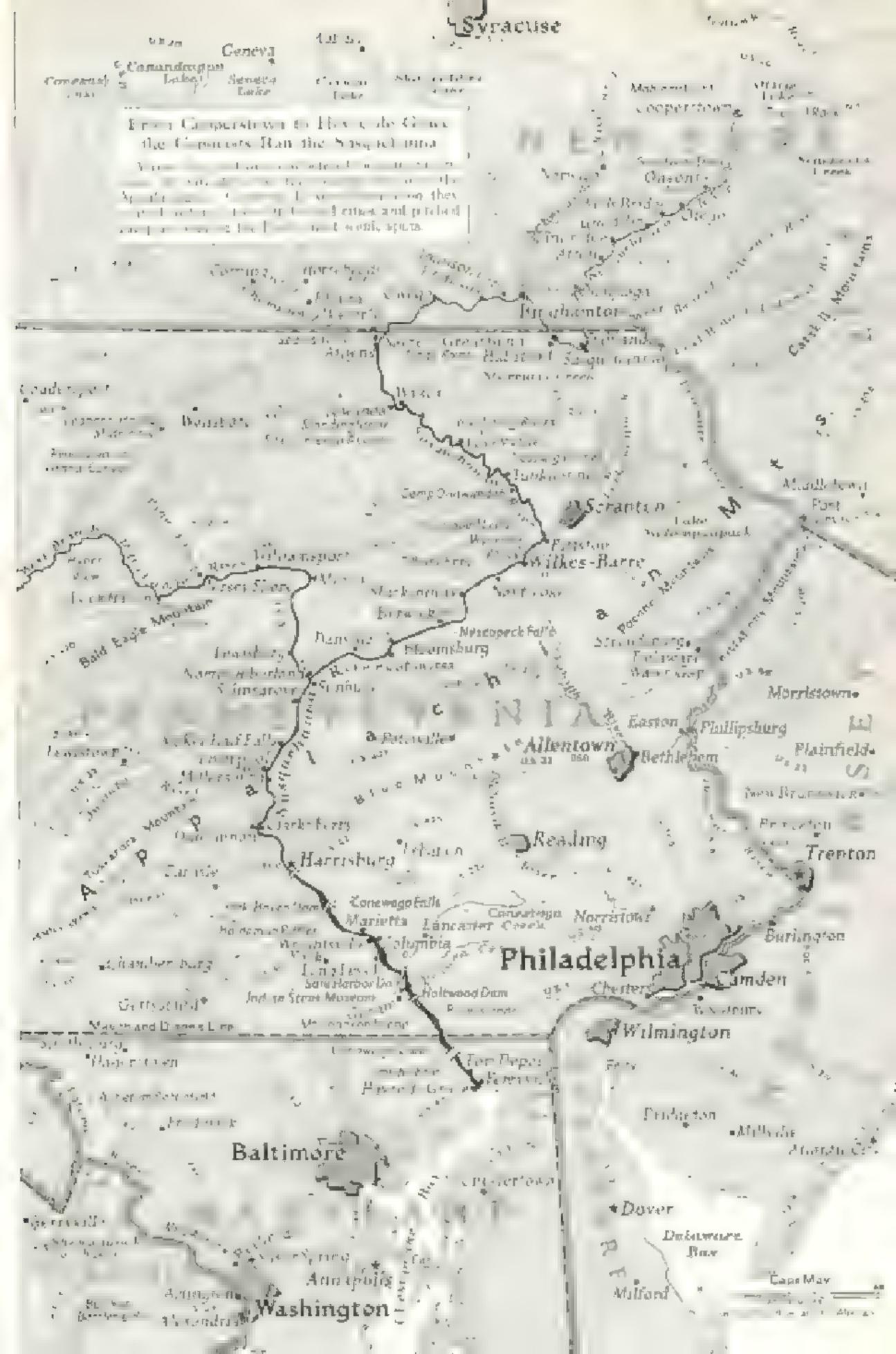
Rittles, or "rifts" as upper Susquebanna people call them, were frequent. Those of us about the metal cances often leaned hard on our paddes and pushed ourselves across the wet racks. Somet's crew sometimes had to walk and carry, but even so the cances notion tack a leasing. Oftener than he wished, Cay found himself bridge

beathed his trait, turned it over thage \$31, and found a hale big enough to put two fingers through. His experienced hands cut out a small piece of space convex and with water-proof cement patched the hale. A cout of quick-drying lacques over the area finished he job.

A mile there Unadilla, where a highway edges the fixet, a slender, imperious man attracted our attention with whitifull gesticulations. "I'm the sheriff of this county," he called, "and voorte all under arrest for truspossing on our rever! Your sentence is to have dianer with me and comp on the Unadilla park."

When we landed, Charles C. Flaesch, our captor, said, "Usually Unaddata's water front is prettier. I've lived here 52 years and never seen the river so low."

While we were carng Raymend buck, an Otego farmer, walked in with a suitcase ful-





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#### A Dream Come True

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Used to work as a rick on that line mently of the last of wid. "All the last n & r . r . | t : palled out bls waich. "I hat'd with the Rome of the top "

Shouting over three or are some was that day's concernation, some Tust below the thurd one we just holl camp hear Ounquiga-Indian center and roo of Clinten (suger) -

It was a good place to look for arrowheads.

Next day we entered Pransylvania in tain and at the mouth of Starrages Creek made a soggy comp. Lifting our dampened spirits was the sight, through the crizzle, of Starrages Viaduct's soaring arches. Every hour or so a Thesel powered Frie train thrummed.

#### A Mornon Shrine

The Susquehamma is the Jordan of Mormonism. In its waters were haptized Joseph Smith, founder of the American church, and has first convert. From 1820 to 1829 the young Prophet lived chiefly in the Great Bend country, where the river dips in much at by into matheast Pennsylvania as if testing the climate. In the township of Harmony, now Unkland, he met his wife, huried an infant son, translated the Road of Margan, attracted his first achievents, and know his first persecution—some of it coming from his own father in law,\*

Two days before in Aften we had seen the foundation of the horse, just torn down, to which he carried off Emma Hale and married her. West of that town Smith reported he had uncarined one of the golden plates from which he translated the Book of Marmon,

Below Susquehanna, Pennsylvania, we scaled the riverbank, crossed the Erie yards, and climbed a hill to Mckane Cemetery. It contains the mortal remains of the Prophet's sm, family members and isdiewers, and is the only tangle e reminder of the years young Juseph Smith spent on the banks of the Susquehanna.

That night we prepared for hed in a barnnear Hallstead, Pennsylvania. "What about rais?" Did wondered

"In a barn like this the blacksnakes aways keep the rate down."

Adolph manages a large nursery with several large and preenhouses, so his words had authority.

Soon after, Dal and Alex discovered that a bed of sorts could be usude in the rear of the station wagon by letting the tail gate down. Don spread his bedrell on the flat cause rack on top of the station wagon, parked just outside the harn

Next morning Alex arose with creaks and greans from his tramped position and looker, southy at Adolph, Toppy Cay, and me stretched on the laxurious hay.

He asked if we'd but any encounters with

Well, in the dark we couldn't tell what rolor they were." Uny admitted

That day we fought a head wind most of the way to flughamion and made a walkover portage of Rockhott on Dam. One of the Susquehama's large cities, Binghamion interested Toppy because of his Ansio plant, manufacturer of photographic materials. The city also makes materially famous brands of choes.

A tree-thopping bee in which everyone and his for started Hinghamton on its way in 1788 and provided log rubins for the new settlement

In the 1880's a since-monufacturing business was established here. From the early days, George 6, Junison, a partner with Henry B. Indicated policies which have characted strikes and serious labor disputes

signed wages, steady work medical are surgical treatment and hospital care at company expense, and homes built and financed at low cost are sume of the benefits enjoyed by its 20,000 workers.

As we puddled past Endicoit, the white conrecte buildings of the International Business Machines Corporation were at our tight. The river for a short distance here was reddened by the waste Liquors and dives from the large tanneries which produce the leather for shoemaking in the Triple Cities.

### The American Egret-and Other Birds

The American egret, at home again along northern waterways after its near extractom, seems not to mind this pollution. We surprised 12 of them on an Aland below Endicott.

Throughout the trip we saw honoreds of water-leving hinds, not only egress but great the herons, little green herons languabers, killdeers, and docks

Migrating red-wanged blackbinds often filled the skies

With each telegraph the Susperlances got wider but little deeper. The continued shallow going by this time had shre ded Sonny's notions. At Owega, Cav pave up and went bone to repair his cause. As a went with hore, leaving five of us in our two alterinum

To this point we had traveled in lightly haded canoes. We chose campaites where we can ld drive the statum wagon to the water's edge, thus using it for hadding our heavy gear. But at Owego, in spite of shallow water, we loaded everything into Swaper and Hanna and paddled independent of the station wagon as far as Wilkes-Barre, Pennsylvania, 120 miles beyond.

\*See "Utah Caeved by Winds and Walter," by Leo A Berah National Generality Macketse, May 1936 A day and a half's work by aglt as to Athens, Pennsylvania, a highlight of our trip

The Stage changs system is a many attached ing path through mountains, and A bens is one of the crossrouds. Climbur (page 75) had followed the appet river to Whens. There he met Gen. John Sufferen, his topmanning operer, who had brought an army north along the Susque harms from Wyom og Valley (the Wilkes-Barre region)

With contined forces representing a large segment of George Washington's army, the Sultivan-Clinton expedition moved natiowest up the trianglary Chemical Roses into the heart of the Iroquos 1 meland. There it destroyed for all time the fighting power of the Say Nations, traditional allies of the Bratish.

in 1785, Lenge Washington, who had conceived the Si livan-Clinton compalen, traveled up the Si thank \* then overland the few males to Osega Lake and the source of the Sasquebanna. He observed that he "could not but be struck with the immense diffusion and importance of [ pland waterways], and with the goodness of that Providence which has dealt ter favors to us with so profitse a hand"

The men of Clinton and Sullwan also recognized these (avers and ret, med after the war a help transform the howber wik emess they had marched through het a the heat farms that have graced Susquehaman valleys ever since.

One group, moving up the Chemang Valley ten years behind Sallwan, founded Horse-beads New York

### A Tublet Tells a Story

On Hanover Separte we saw a tablet instribed: "In 1779 near this spot General John Sulfivan mercifully dispused of his pack botses worn out by faithful service in the campalgo against the Six Nations of the Iroquois. The first white settlers entering this valley in 1789 fored the bleached shalls and named the place Herscheads."

"That inscription suggests a Cochalge condensation," said one citizen. "There isn't a

support for a word in it."

Even before the Revolution, scattered settleturnts existed in Wyondry Valley, around Athers, and along the West Branch of the Susquehamm. Many promeets came from New England especially Connecticut. By the 1750's Connecticut's agrarian population had scared to a crewded 130,000, so citizens formed the Susquehamah Company for expansion. They felt that Connecticut's charter gave them the right to a westward extensing strip of land as wide as their colony.

rectangle which now forms most of the nuch-

cast pertion of Pennsylvania—a fifth of the State—But during four decades Connecth at claimed the area and fought three small but fierce wars for it. And before the disputables settled, about 1803, the fiery Yanker John Franklin even tried to establish "Susquehamah" as a separate State, with Athens as its tapital.

### A Finneer of Permsylvania

Leaving our comes at the Athens bridge, we drove to Spanish Hill (page \$4), the flat topped rise just northwest of town. This acrepally of a North American Athens broads beside the road, guarding its besid of New World anti-nities. We climbed \$30 (ect to its messible summit.

On the 10-acre crown, once fortified with parentles by an unknown tuce, we surresent the area where lifetime Build, first recorder, white man to enter what is now l'empsylvania.

met the Caratton in Incians,

Here the young Frenchman, Champlain's emissiry, talked hundreds of braves onto the warpath against the Iroques, But the attending carenonals delayed their departure, and they atrived at Chamblaga (near Syeacuse), the appointed battle place, several days after Champlain and his Haron affice had been defeated

With Iroquois between him and Champlain. Brue returned to Spanish Hill, and, for reasons not fully their, whiled away his time to canoeing down the Susquehanna, to sait water and hack

"And the anazing thing," said Charles Lucy who helped guide us about the Athens-Sc. 1-Waverly region, "is that all this took particle 1015 and 1016—four years before the Piggins landed at Plymouth Rock,"

How did the "Spanish" creep late Spanish

Dr. E sie Murray, deviding a lifetime to preserving her valley's place in history, knew the answer. I found her in Athens's Tioga-Fount Museum, which she directs.

The legeted about gold-bristing Spaniards penetrating into this area before Brule is more than late factor," she said. "The first sectlers to the Alberta Later of the Later o

and ng in owe of A."

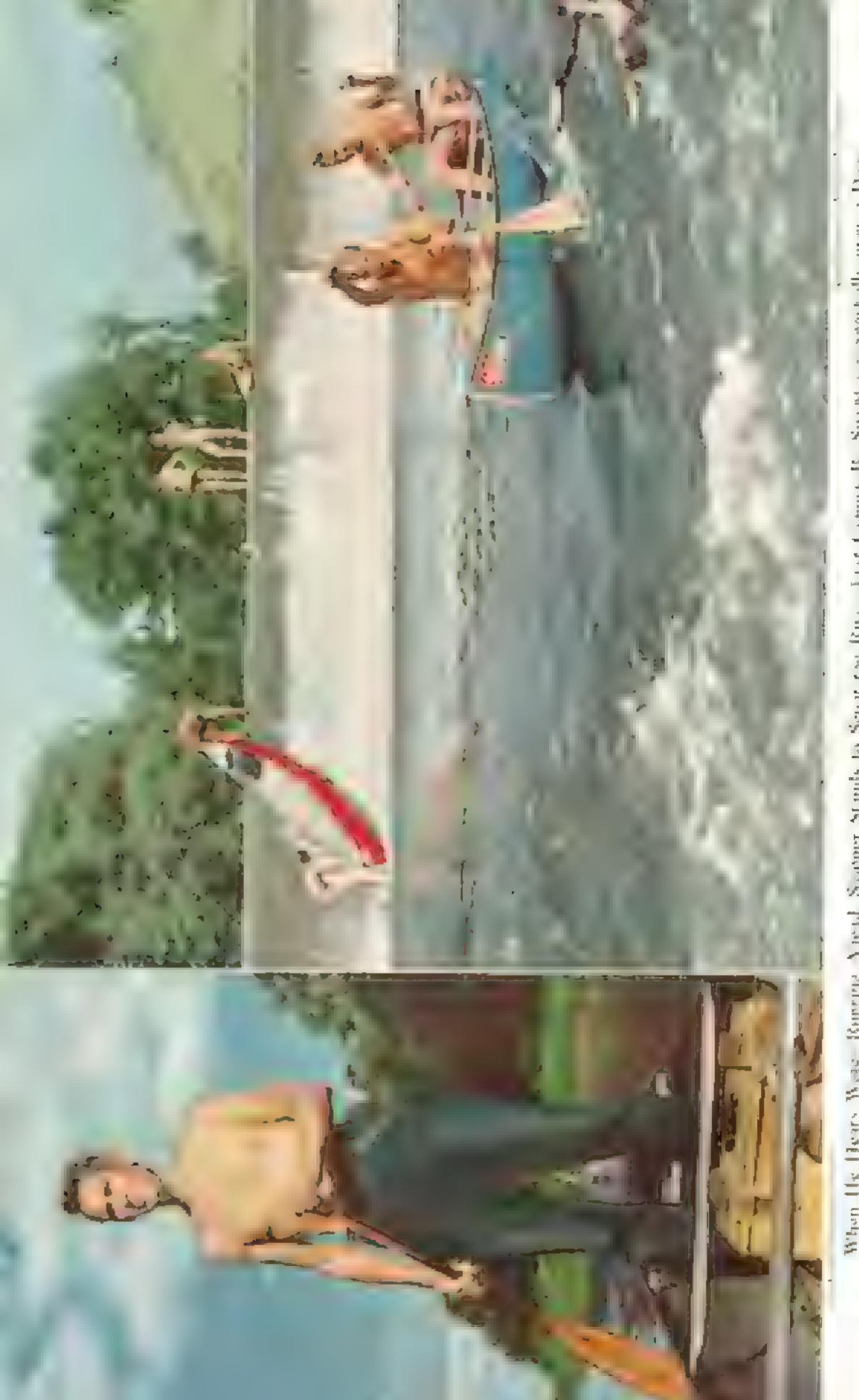
We returned to our canons and paddled south three miles to Tioga Point to look for armylmads.

Sure y here, where the lad an-rich Chemung and Susquetunna Rivers join, there must be at east one

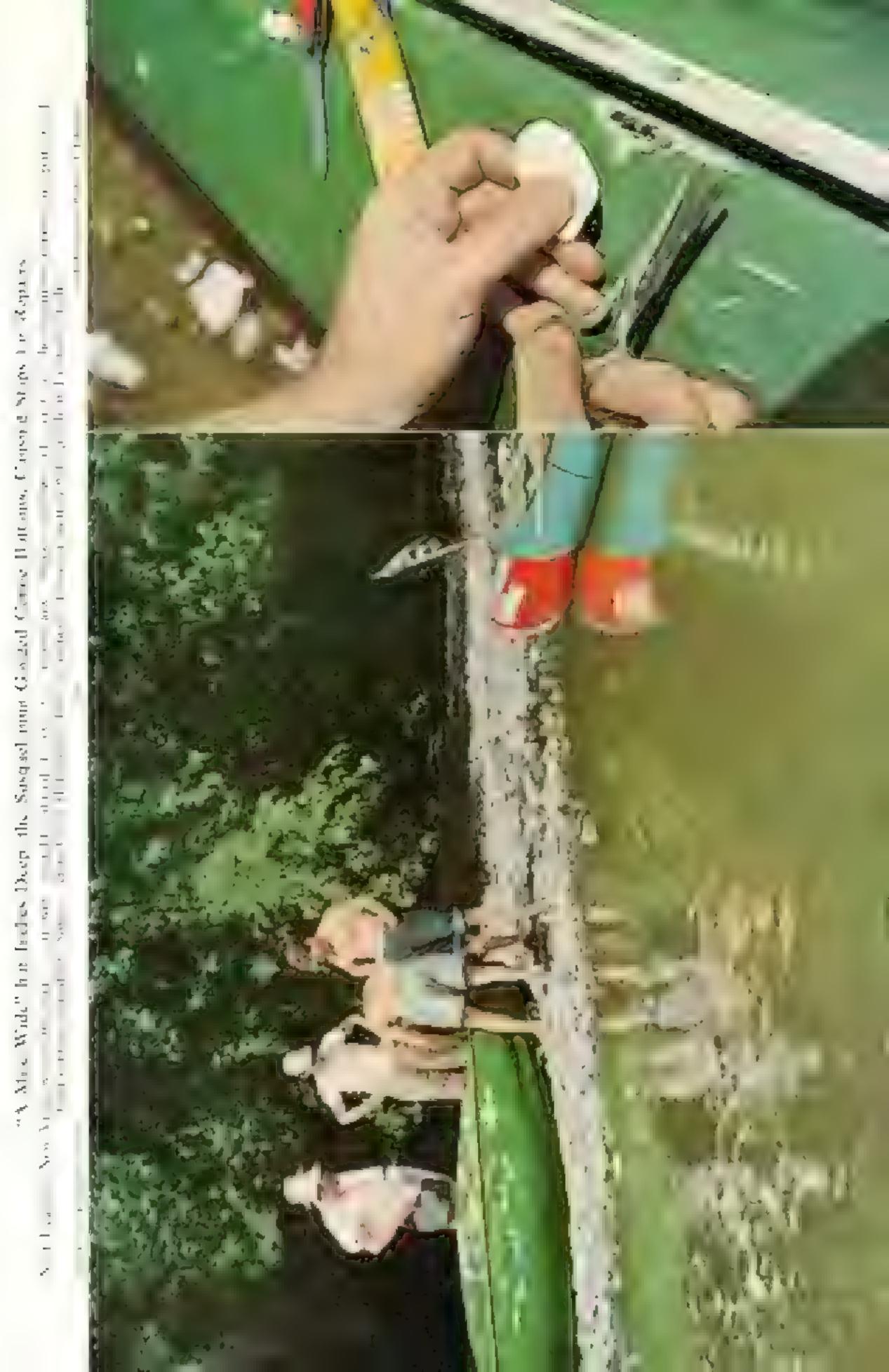
\*See "District to Division of the Mohawk," by Studentick & Academics, National Control of the Mohawk, " by case, July, 1943,



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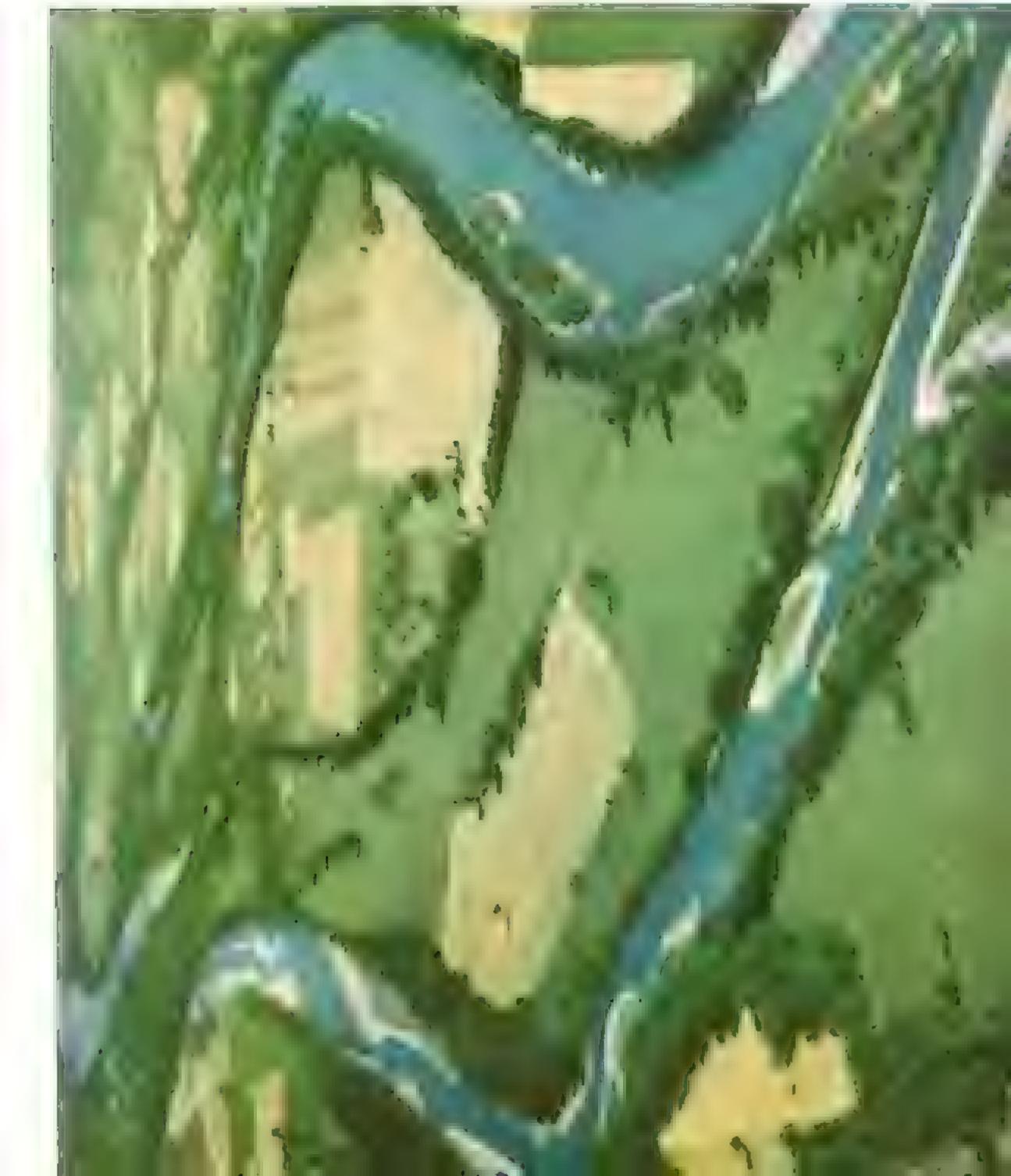
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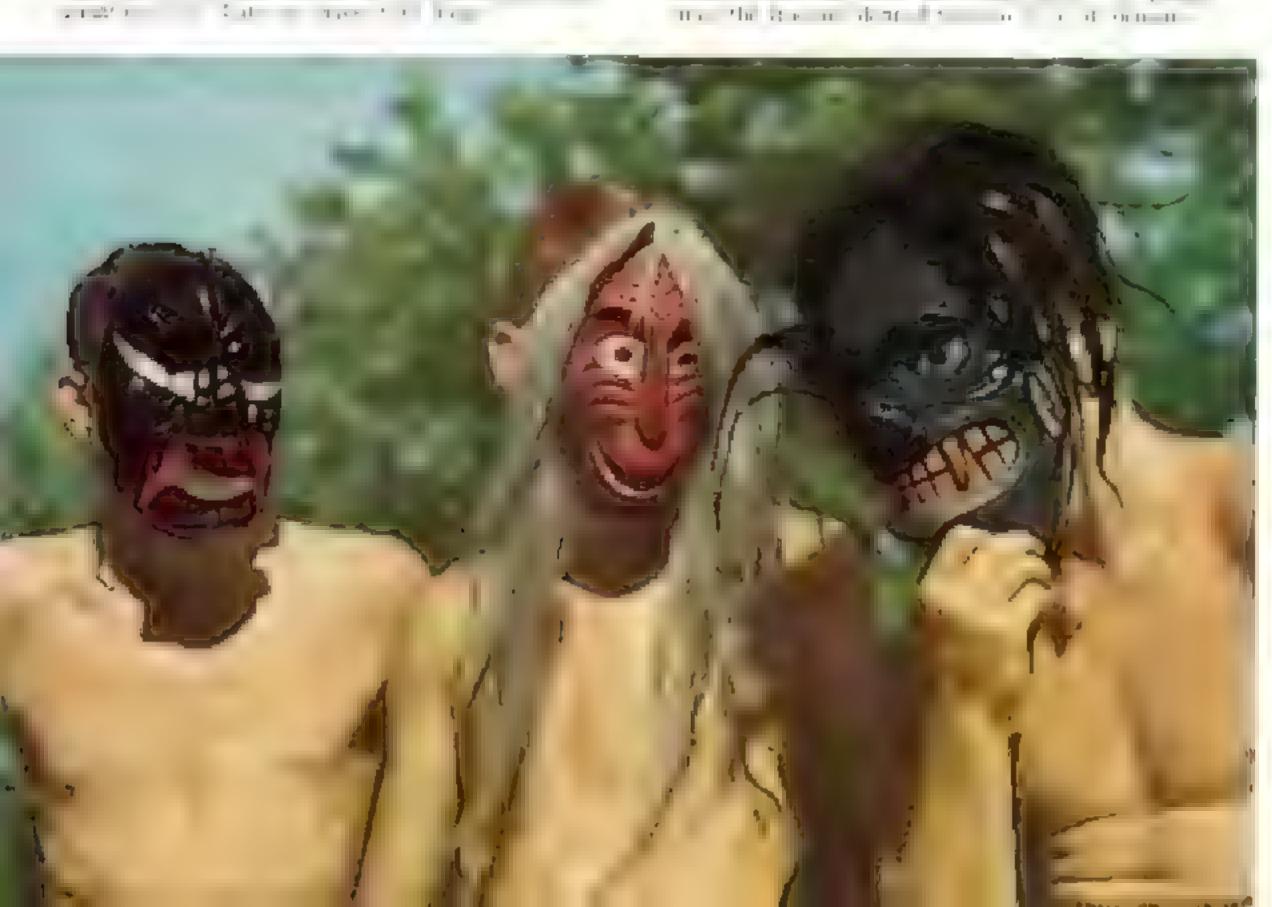


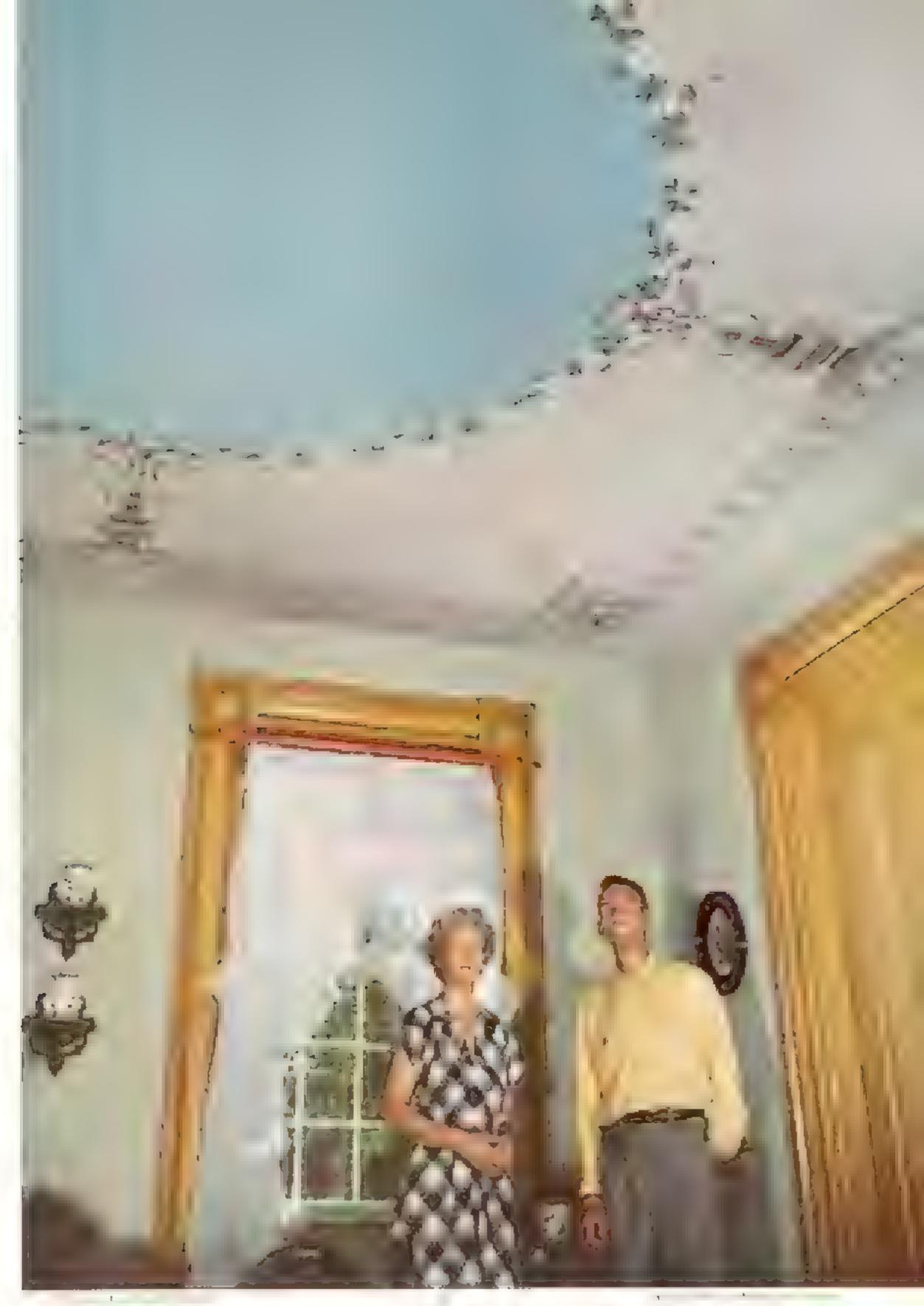


### \* This Cauchishell Bude Called Transcor. Action is the Resolutionary War

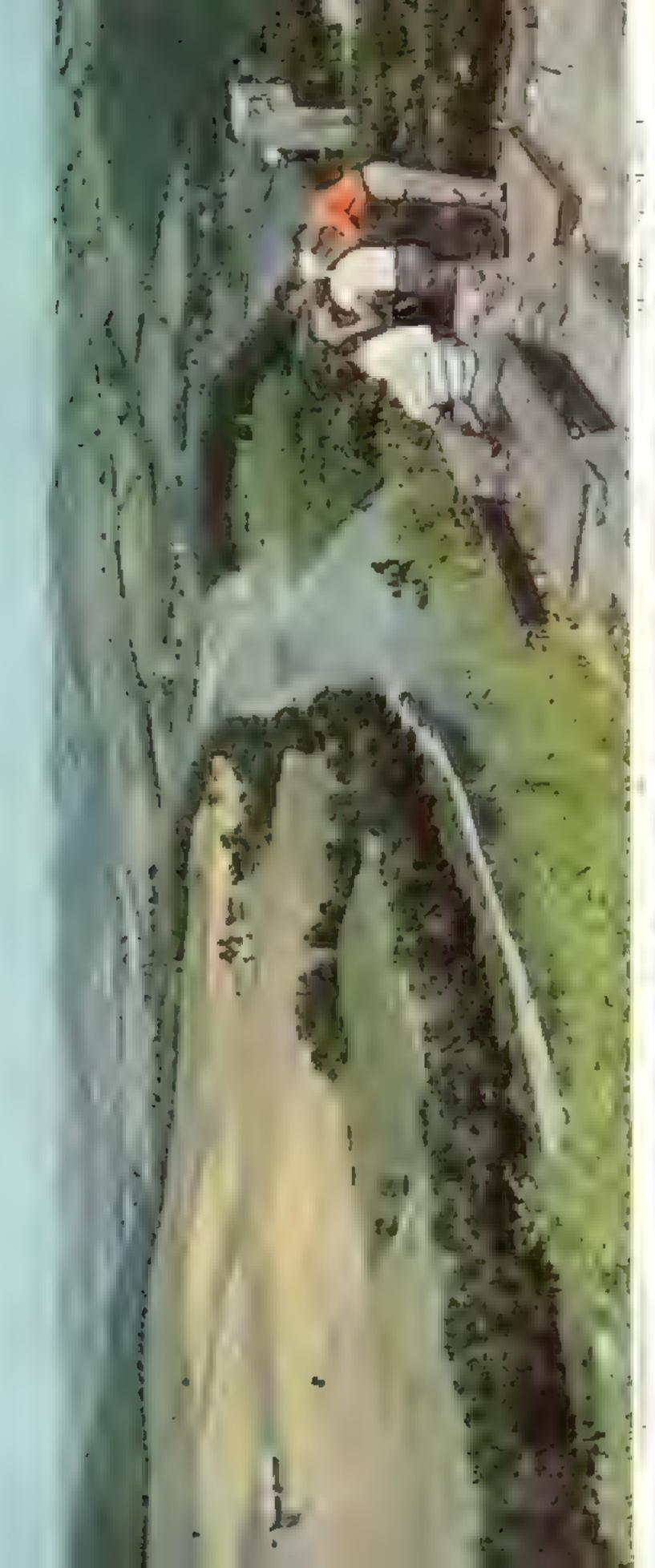
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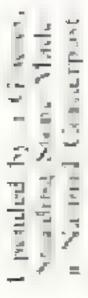




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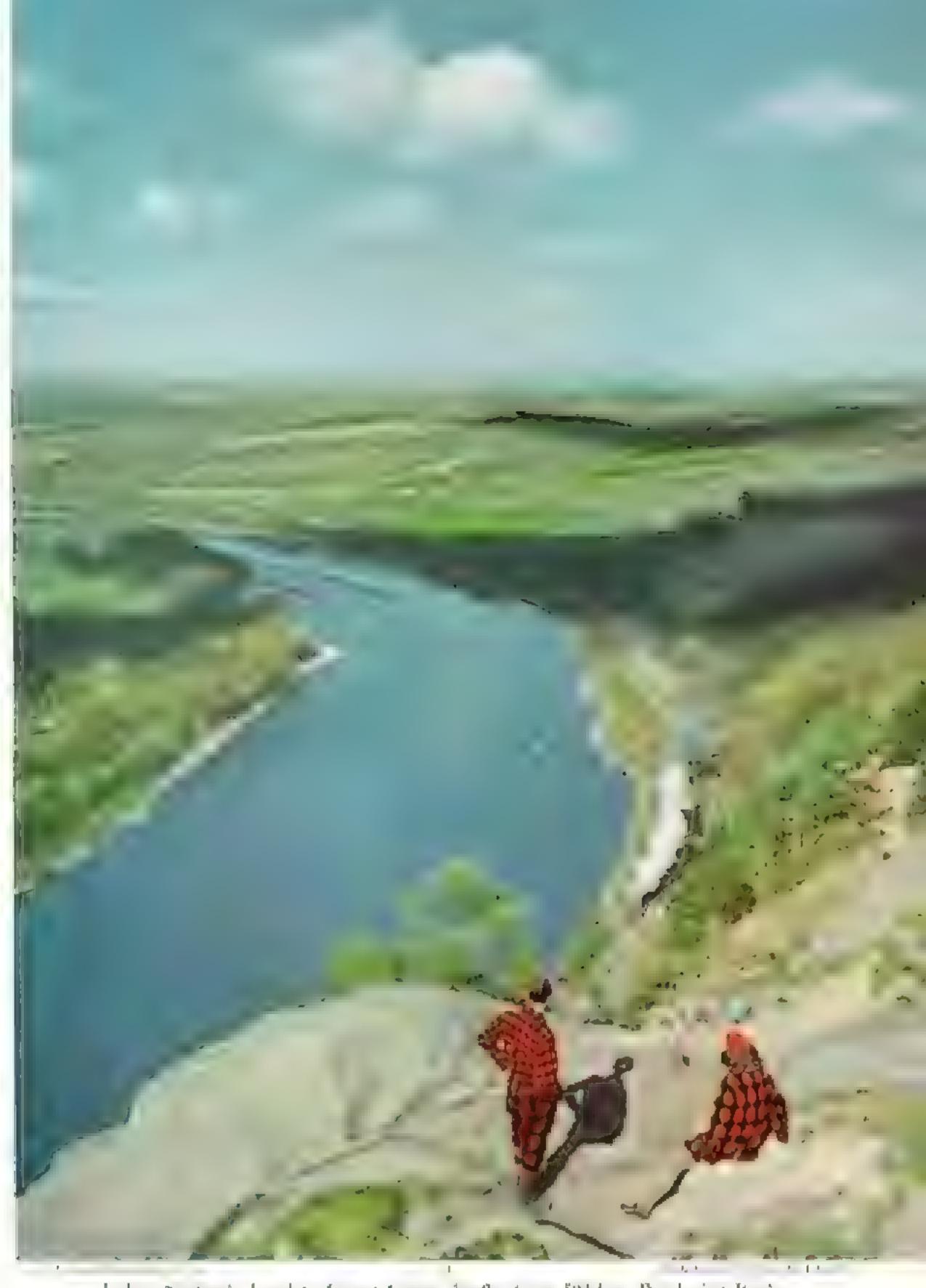
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## Curan ists by Hung Chit on the Reside

# The Voyagers Cameht Just One Fish a Bass That Jumped in Their Boat





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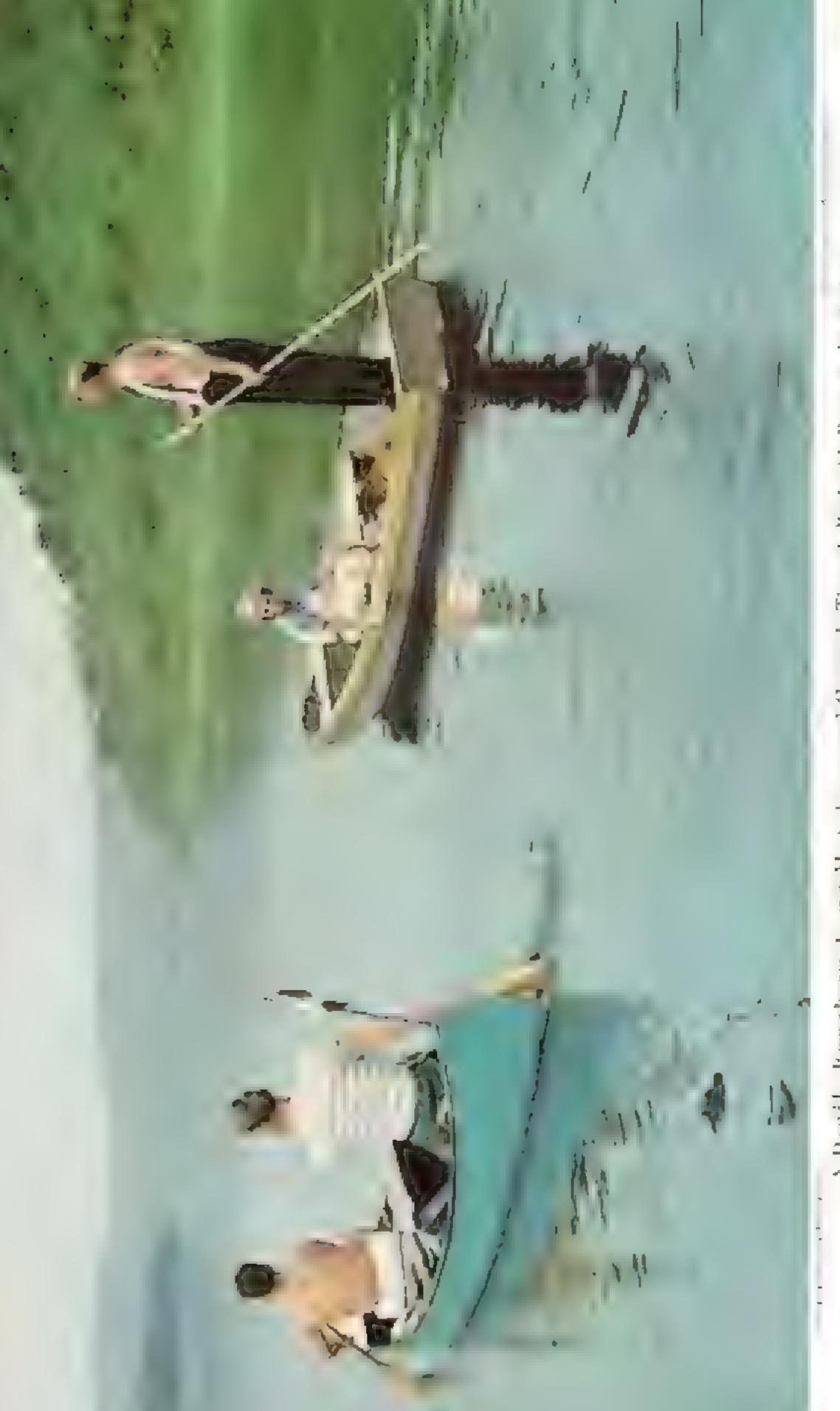
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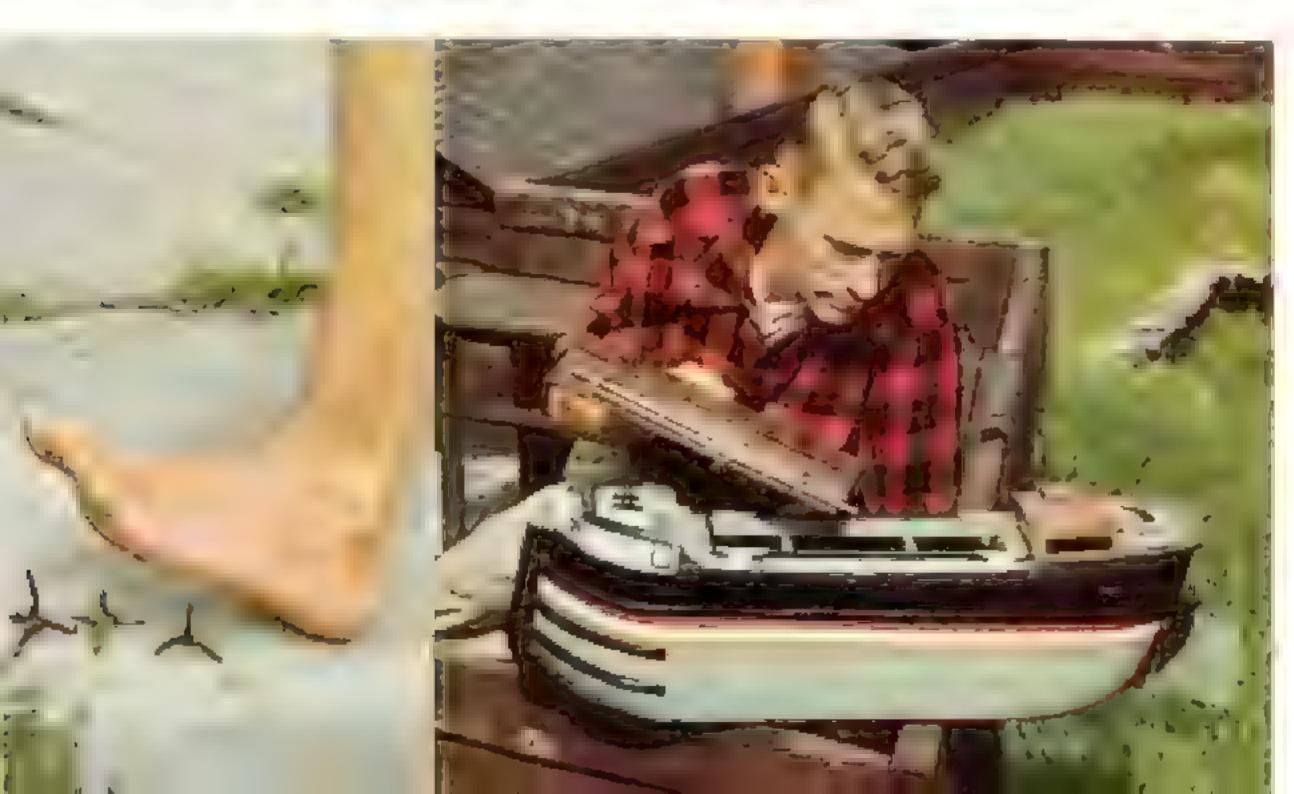
thank they be mare? The rate's little



# Original Site in Normanie Souds on the

The second of th

### r Propers Seattered from Calterns a



And indeed there was. But our eyes were too close to the ground to see it. Toppy, Aying high above us in a plane, found the leggest arrowhead of all—the realisticady shaped land between the converging rivers

ripage 85 la

The river in Pennsylvania is frequently called the North Branch to distaguish it from the West Branch of the Susquehunna. At Towanda, horseshoe windings begin. The mountains rise higher, at places coming to the water's edge. Destances are greater. Far-

away blues and purples appear.

Last to arise at our Wysox camp, I lound I'm gulnea pigs waiting for my latest in a continuing series of experiments with pancale batter. In 30 minutes the a casion jokingly referred to as "breakfast" was past. Adolph. conscious of the compers' tule that he who complains is cook next day, said, "Your pancakes are all right, Ralph. Not everyhody ran make flambel cakes so thick that the last debatter is cool!"

### Vanished Retreat of French Refugees

Lishermen were mirrorius from Athens to the nearly of the Lackawaness. We tried our bok at Standing Stone, but caught nothing

4 natural cornerpost, Standing Stone thankel a tract bought in 1793 by highborn French refugees from the Reign of Terra-(page 89). We rounded a great horseshoe hend and at the point walked up a tree-shaded lane to the Hagerman House (page 87).

Farms now spread over the seres where stoom the French village of Asylum (page 58). Fifty burgers, a store, han, bakery, brewery and chapel rose here in the withconess, only terrumble and disappear when Napoleon told the 18th-century displaced persons they could

come beine again.

The day had been oven-but. Toward evening, as we stroked along the loca of a mauntalk slype 400 feet high, the sun suddenly stronged. The air cooled and began stiffing A downdruft from the mountainside brought us the pungent, pine-scented ador of deep Water 18.

A white-headed captey rose from a took pinns le and flew off. A deet, one of several we saw on the trip, bounded for cover. Black clouds roked in from the west.

Rain strenghed is. It came down with not stackening for 40 minutes. We could not see shore. Gusts blew as sideways. We ran ento a shoal. This canoes, like basins in a backyard, began filling with raluwater.

We passed under Wyalusing Rocks, not even seeing this Susquishanua "mast." Buat Weyclasing bridge Mason Browning and Jack Welles met us in their cars and hauled us drapping to the top of the rocks, where we -pane the night in the day comfort of Log Comment of the control of the contro

Next morning we broked out to find a set of fog filling the river canvin. By 10 the sun had "hurned off" the mist (page 91).

At the west entrance of Vislaing Tunnel we shot a pille and crossed the 600-foot centour line, halfway down the ladder from Otsegr's 1,194-foot level. This point is also

about halfway in distance.

Rounding the Neck, we sighted two gizls paddling upstream. They intercepted us amiintroduced themselves. Vida Davis and fran-Heckman (page 92), Girl Scout counselets from Camp Gnawandah, 12 miles downstream They escorted us to their camp leading to through rocks and riftles.

We reached Onewandah in time for a scheduled afternoon water pageant in our honor Miriam E. Purce, camp director, invited us

to stay all might.

"In a Girl Scout camp?" Don sounded

shocked, but Interested

"You will be the first men ever to stay in Orawandah overnight. Exerything is atranged. Hinner will be ready in 15 minutes."

Needing no encourazement, we accepted. Meals were a joy, with Brownies, Scouts, and counselors joining voices in song after song

Next morning we overteck two Luccyvids boys—Edward Whipple and Charles Houtz canneing from Tunkhannock to Wilkes-Barre Houtz pointed but Campbell Ledge, a high precipice on the left bank. "During the Wyoming Massarr," he said, "a man jumper of that ledge in a horse to get away from the Indians. He lived through it, and his horse broke only four of its leg-

At this point we entered Wyoming Valley, that great industrial passet seamed with co... depresits and filled with cities. What a difference from the farm villages and stockaded forts that the Imquois and Tory hand hurned in 1778 during the mid that killed almost 300

men, women, and children.

### Where "Black Back" First Was Burned

The free of the Revolution reged above the world's greatest authracke held. The "black rock" was widely regarded as useless until Judge Jesse bell in 1808 burned some in an apen grate under natural draft and thereby demonstrated its superiority as a domestic tile L. The importance and growth of Scranton, Wilkes-Barre, and a dozen smaller cities sa nined largely from that moraeut.

The Lackassan in River bears the mark of chal as it flows, black as link, into the Susspin moon, and the larger stream is never thereafter entirely free of carl on sill .

We canned into Wilkes-Barre in a victor signific. Two police squart cars escorted us to our Entel

Next morning we visited the Huber Colliery. of the far-flung Glep Alder Coal Company (page 93) Emergent from the mine we drove to Prospect Rack on a ridge rising high behind Wilkes Barre

Partway to the slope, smoke issues from a "perpetual" conlemine fire underground. No tulties underlie the city's business center, but we were told one can cross under the Sasquelumber in mine tunnels.

The tapuds near Nantlcoke mark the west end of Wyoming Valley. Suffleply a man appeared on share, waving at the tumbi-

water and yelling

"bour cances will never make it," he kept repeating. We backed the water over and. ignoring our friend's well-meant advice, run

the rapids without incident,

Halfway to Shick-bloom we came upon a low argrag dam of Lose stones shaped like a great Mr. We drifted to one of the points, then back-tracked and is ught our way through a narrow rocky corridor, the only break, next to the right bank. Here a couple of men were working on the dam. "What is this contrapmil' we shouted.

"10% an est trap,"

"I'd call it a come trap," said Gl.

"We're repairing it for the fall mm. the sels come downstream, we stand at the points where you see these we dee racks and etchierk, them he tite bundreds into our

### Concrete Walls Bulle Spawning Shud

We learned that the young sels come from the sea after being spaced to live in fresh water. Able to slither along on the ground, they manage to get arroad the five dams in

the I wer Susquehannu,

The shad, another migrating species, dues not fare so well. Its tuns described by oldtimers as so leavy toat a man could walk across the river on anowances, were stopped cull by the building of Holtwood From In 1910. Spawning institut goides a few shad to the base of Commingo Dum, where they carcle daintaly below the mystery of concrete

bacept for sheing through mountains at Shi, kahinto, and Cathwissa, the river illegato Scotto interfand through a rich, narrow valley. Berwick, Bloomsburg, and Danville are the valley's prosperous centers.

Danville relied some of America's first T rails, and Berwick built some of the earliest uli-steel passenger coaches to be used to public service, for New York City's first subway. Bloomshurg makes carpets. We remembered at for the vines and flowers growing high in lan, post potent the main street,

North peck Falls, under the bridge at Berwick, spalls a great volume of white water through a tortuets, thenelike thannel that gave our epinosing ability a real test. It was easy to see why the overlineed onilers of the Susquehanny and Battemore explinied as the Steadill their to surmount these rapids in 1826. Men soon gave up trying to navigate the rocky shallow. Bood-ridden Susquehanna

and Lailt canals alone its banks.

#### A Smoke Signal!

live miles from Danville we sported a plante of white rising from a walge 200 feet above the river. A smoke signal! Boy Scouts were talling the Danville on will we had been sighted. As we tours ed the bend, an elderly pole beatmar (page 94) guided us through the rocks and teefs to the landing. Amplifiers on shore blaced "Cruising Down the River."

While several bundred people looked on Guste 951, we landed and were whisked the migh town for I mcheon at the George F. Geisinger Menurial Hospital, Dr. Harold L. flues, surgeon in chief, showed us through his well-run and expanding institution and pointed out the large clinic under construction,

Townspeople said, "tilve Dr. Foss time and hell nucks Geisinger the Mayn of the

1 , 1

Northentherland geographically is Athens all over upan, with the West Branch taking the place of the Cheming. The junction of the two great panishes of the Susquehanna tpage 1101—called "Shumokin" by the Indians—was bound to be a meeting place of peo des as well as of waters

The Six Nations stationed their who and respected viceray. Shikellany, there to watch over the subject Delawares and to maintain contact with the advancing whites. At Stamekin the settlers built but! Augusta (page 96) m 1756, and Stabury grew up around it.

From Sumbury wa made a side trip by station wagon and canoes into the West branch country, which a century ago was a lumber center of the United States (page 105). It still affords magnificent vistas of tembered mountains (page 106). But in Lock

 Sec. in the Samowat Geometria: Managings "Coal Prediction Wasser for Man," May 1944, "Steel Master of Them All" April, 1967, Lot 1 by Alacet W. Atwood, "Industrial Than of America" May, 1917, "Penn's bard of Modern Maracles," , my 1915, field by Jalii Chare In Gorce



East Action No. 5 Neptocoke; Voyon Coats a Taste of 'Worker with a Head on 21"

White water is a carty on the summer Susquestarion their at two or these places shift and the control of the co



Drought Reveals Want the Bottom of a River Looks Like: Concernion Pals

1 are user of an above the large swifting timelends over this hard to a repturing poth as

1 at the first the large same the fact of the large same timelends.

H. and Williamsport, the West Branch's boding chies, we found people engrossed in upsta-date matters as nitpanes and line is the first transfer.

We cannot release to the West branch, from Pine Creek mouths. No seed to bald Easte to un air "You're lowing the park of the Great Runaway for the hard to the fall throught descretion the better part of the services away from the Indians, thus not iding a Wyoming Massacre bere."

After a cool respite in the deep shade of tooknell's campus, in Lawisburg, we stroked on the final West it anch rate. We it at Lefore as the many riser's section of water gaps and ledges to Countrie, then the scenar Predmost portion with its dams.

because of low water. I had been breasy about the le kes, universer focusion extension paress the river. In devices we only an include two days of water in them. But as we

reached Suntury rai, upstream raised the rise or little Superurante repatation to a mode with a la foot deen almost was aved up to

With any le water we recred down to Hartime. There is a second of the many I reathers for motories on the second thated millions of motories on the second Penaselvaria 14

### He Who Diegnia Last Dreams Best

At the 1-he of Que, in Schusgewe, Mrs. Nellie Bergstresser greeted as, "Isn't our tives penaltiful?" she demander, with a los of sweep of the arm.

Securiors Compat Wesser outractied Shall as a passer of the look Que, Ye compated the soft Que, Ye compated the soft of the look of the lo

promptly gave it to him. Next time they met. Weiser said, 'Last night I dreamen I mened the Isle of Que.' The Indian reluctionity gave him the island, but said, 'Brother, let us not dream again!'"

Dr. G. Morris Smith, the president of Susquelanna University, took us to the girls' dermitory to spend the night. "It's actween terms, and no one is there," he explained

That night, in her charming Schnegove home Mrs. Howard Barns showed my a large collection of growheads and refes mostly from lengthe Isle of Que. Mr. Barns, who confessed a slight reactionship to Robbie Burns, recited his poems about the Isle of Que and the Susquehanna River. Daughter Barbara periodically said, "Oh, Dud, Mr. Gray doesn't want to hear mather one!"

Howard Barns had watched the river for many years. "It used to be about half as wide as it is now. When the virgin pine and nen look forests disappeared, floods gouged into the banks each spring. The islands across from the Herestressets used to support tick forms before coal silt drifted down to cover the soil. But the river bas always furnished livelih and probably always will," be pli osophized.

Next day we reached McKee Half Falls (page 112). We camped on the chorly cropped grass of the towpath between the dry Pennsylvania Canal and the river. The falls, a double ledge with a nice drop of water, sand in our cars all a ght. With a full moon overhead, this was easily our pret lest campaite.

#### Approach to Harrisburg

The nearer we approached flarrisburg the deeper the water gaps became, the more frequent the ledges across the water, the more springled the river with its toyriad "pepper-pot islands" and rocks. The Appalachian raiges so crease the landscape that serious geologists make the Jam Bridger ish statement that \$1 miles have been compressed into 66

Through the folds from the west fights the Juniara, one of the Susquehama's great intuitaries. We camped at the point and sat courting the Fennsylvania Rat roud trains pounding through Duncanness and up the Junista to the west (page 114).

Be with us, cars and trucks turn led across the two Clarks Ferry bridges to find water-bod protes along the banks of both rivers. We imposted at the slient, throughest service the soproclama system renders modern trousportation, cutting paths through mountains for steel and reliber. We understood the statement that the history of the land has been written very largely in water.

In Pennsylvania's stately capital (page 116) the bridges are so close together that canoning among the many piets is like walking through the crypt of a carbedral. Pedestrians called, "Look out for the spillway of the saultary dam." A skeptical crowd was on band to watch, but we safely shot through the ti-klish four-foot drep (page 117).

### Pennsylvania Navy Salvages Cimi

For days we had bodged for "Pennsylvania's now". This fleet of dredges sucks up "river coal" that has drifted down the Susquebana

We caught up with the curious vessels (page 115) as we cannot along Threem le Island in the slack water above York Haven Dom. They were anchored and their boiler fires burked for the night. We camped on the flat top of the dam band, slace to water was going over (page 118).

Farly next morning the barges, shifting positions for a new day's work, sent out waves that broke over the dam and tudely awakener us

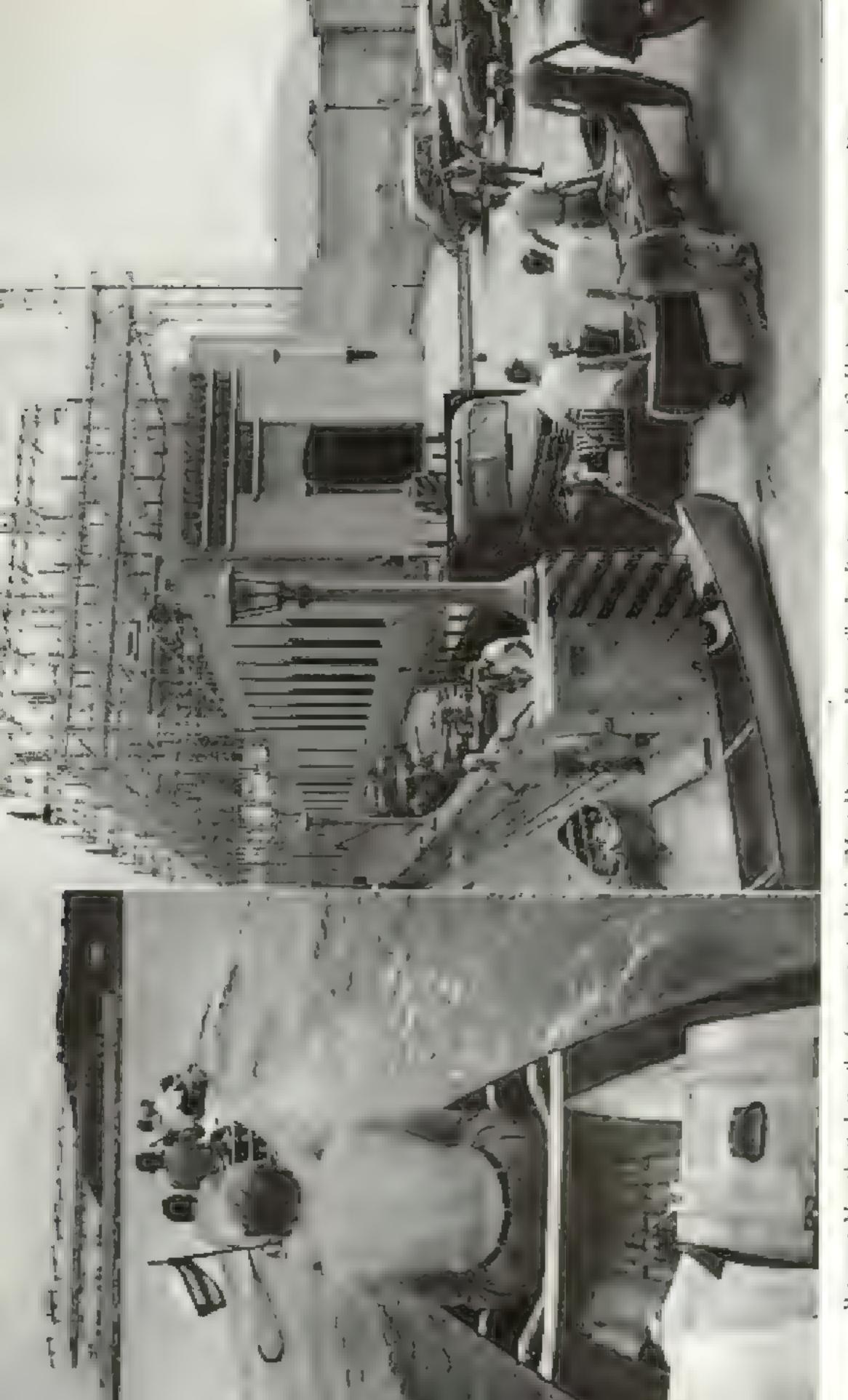
After Lreakfast with eggs as a change from pancakes (page 119)—we inspected the nearest dredge, then paddled along the diagonal York Hi ven Itan brik. We looked a illianging at the dry rocks of Conewago Fals (opposite page), wishing the dam had never been boilt to robus of a good car serum. Men of the Metropolitus Edison plant eased our grief by beloing as make the portage.

Haldeman Ranies, five distinct scapes, gave us the fun of a sustained half-mile of swift atoposing water. Then below Manetta, not thekney Rock, the river makes a right-made turn into the strangest mare of rocks, cross currents, eddies and dead-end channels that I have ever padd ed through. The rocks can out as we nearest the Colambin-Wrightsville bridge.

We camped on an island below the gunt span and awake most morning to begin the long slack-water pull through three man made lakes to Chesapeake Bay. We learned that there are only eight males of current from Colombia to tidewater—a mole in the Luitane be no Safe Harbor Dam; two miles below Holtwood Them; and five miles below Conowingo Dam.

Near Long Level, formerly Concjohela, where the fiver is nearly two nules wide and aswarm with all types of pleasure boats, once stood Susqueban to Fort, a stronghold of the Susquebannock Indians. In Info the Iroquois feasily destroyed the fort and obliterated the Susquebannocks as a nation.

So for Harmor is a 62-foot-high, readly mileling harrier (page 103). R. L. Lintiner and



of tantenergy Day Library Wells That Bangeron Movent"-ile Paul ve transa l. We care Morehest lows the Cameres to their

# Soft Burbo, Burn Ret or 2 H To show I bearing Partition within all hardels

111 1 11 10

will a langle



M. W. Seitz, officials of the Pennsylvania Water & Power Company, met us in the forebay with a crew of men—their usual service for passing canocists. They piled canoes and duffel on a g flatear behind a dinkey or gine and twitteed as down a to bood siding to the tuilrace, where Canestopa Creek joins the mother stream

In Conestoga Valley was born the famous boat-shaped Conestoga wagon, the "vehicle of empire," that carried America and its goods across the Appalachians. And next-by Pequea Valley was the birthplace of the Pennsylvania rifle, often called the Kentucky rate, the long true-bearied weapon which helped the frontiersman hold whatever territory he rolled his wagon to

As in northeast Pennsylvania, the Susquehanna here also flows through scenes of intercolony warfare. At Long Level we crossed the trail of our old Potomac friend, Thomas Cresap. Before going 'west' to Ohltown, Maryland, he was sent north by Lord Baltimore to maintain Maryland's claim to the 401 i parallel as its northern boundary. The small 'war' he started rankled until the English surveyors Charles Mason and Jeremiah Dison finished cutting their fateful line in 1767.

### Smokestacks on a Hydrocleratic Plant!

When Holtwood Dam was completed in 1910, it was America's largest, a grand-daddy of American hydroelectric developments. As we paddled toward the power plant, something seemed out of place. I'm Evans put it into words: "Look at those three hig smoke-stacks: Why is smoke pouring out of a hydroelectric plant?"

Mr. Sear, who also was on hand here answered Jim's question. "The Susquehance yields both water power and steam power when you throw a dam across it. That smoke comes from coal-fiseled generators, and the coal-fise particles of anthracite—comes from

the bottom of the river "

"Are you altaid of the supply running out?" I asked.

"We've already taken out 3,000 000 tons, and we figure there is enough coal to last 25 more years. Then we have the lake above Safe flatter Dam to tap for coal."

A closen obliging men made our cases for us here in the same manner as at Safe Finthor. In the Bare Islands, where Holtwood's raging rathrate loses itself in the lake stretching 14 miles north from Conowingo, we studied the from solid rock,

At one place Did and I canned into the oroken side of an enormous pathole and looked

up 15 feet as from a well bottom to a rede of blue sky. During high water to be read by values of water scour the Sasquebanna water-hed, large as Belgium, it e Notherlands, and Luxembourg

Concovings take was glassy quiet. We pointed for precipitous Mount Johnson Island and pad fled as if on a treadmill. When we reached it, we loafed along its east side, enjoying the relief from the binging afternoon san. We saw no loak engles, though the Herbert H. Book of Lancaster had told us the island is a sanctuary for the country's national bird

On Mason and Dixon's line we took a cooling swim, then puddled into Maryland. Soon but again, we were glad to get a tow behind a motorbeat the last three miles to Copowingo.

To thousands, the Susquehanna is the few mies they see north and south of mighty Conowingo as they meter across the dam top on U.S. I

We had often joked that portaging parass, the busy highway would be the most dangerous moment of the titp. And it might have been if Paul Lefever, plant superintendent, and not recognized our plicht and asked highway patrolmen from the near-by Maryland State police barracks to stop traffic while we carried our cances across (page 102).

A final thtill was furning the Congringo tailrace and Smith's Falls. In 1608 these rock filled tapids near Port Deposit prevented John Smith of Jamestown colony from proceeding any farther opetream. But the English adventures anted tood Etwane Brulé (page 50) by eight years and gets credit for being the first known write man to see, and travel

on, the Susquehannu,

Thirty six days and more than 500 water miles after leaving Cooperstown, we pulled through the tidewater portion of the river, between Fort Deposit and its month. A sense of satisfaction propt over us, a feeling that the job had been done. Though it had been fun, we were not sorry that our family paddle stroke was just ahead.

We booked ahead, where the Susquebanna narges with the limitless blue of Chesapeake bay." "Wait a minutel" I exclaimed. "We bayen't finished yet. The Chesapeake is part of the Susquehanna. It just happens to be permanently disided by the ocean. We reach to cance to Norfolk!"

"You and your geographic theories!" sald Dal, "bor me the Susquebanna ends here at Perryville, and I'm going home!"

\* See "Chesapeules Odvisey," by John Maloney, National Galesarene Manageur, September 17.00



### Have be burned Baker

### y West Brance's Bestein, Lumber David





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#### Compers Luffing Like Pagespers, Bloos Lp. Xir W. tresses

## \* They Called It "Entiret in the Saddle on the Oid Susquehanna Trad"



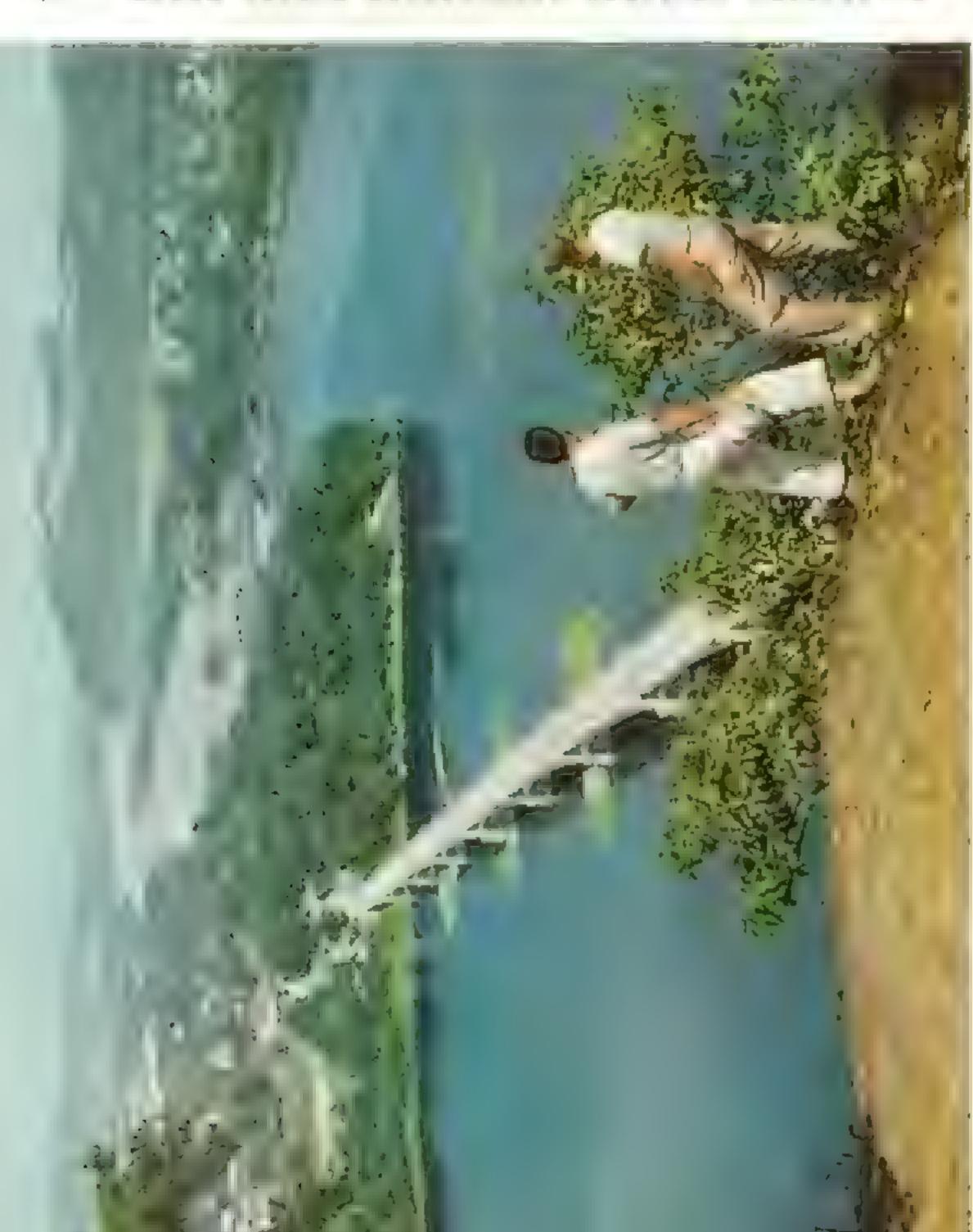


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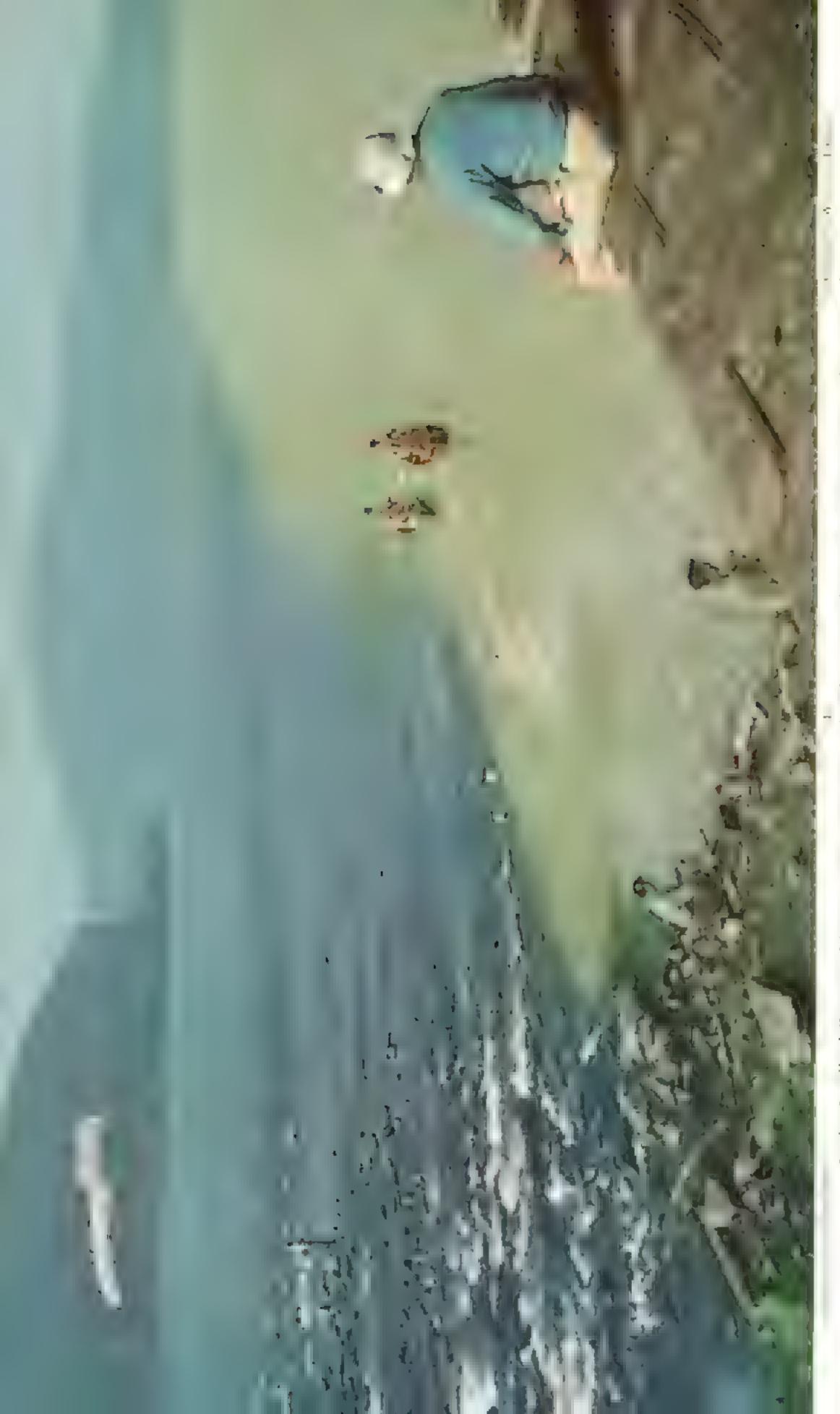


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a Supprise of the Points Car notal Storie Shupper Lus. Youth Haven Day 010 4 His is and Page Sight.



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### Copra-ship Voyage to Fiji's Outlying Islands

By MARJORY C. THOMAS

THE MORNING sun shone hercely not recked with the sichly such of copia as the cargo ship, Marag, came to anchor alongside the dark-timbered whaters of Susa, onli-

tal of the Fiji I-lands (page 1231.

I gamed over the white deck rading and found myself staring into dark, shiny faces crowned with incredible maps of eiled, luzzy mair. These tall, magnificently built natives booked like a race of dasky glants as they moved about the wharf, their large feet treat ing ligh ly as cats, their great muscular limbs swirging with an easy thythrontal grace

So these were the Melancelans whose ob-The state of the little of the latest that the latest t Cancella I I I I I I to the second perely to the second of the land islands of the Fiff group. But I cida't know

the bijiars then.

Swarthy laggage carriers, desplaying identity lisks, filed aboard and began to herve luge rahip trunks outo their shoulders as easily as th

they were manifling matcaboxes.

No hard-ups when hijians work the ships," a passenger communitied. A Daring World Wet-II Jack of impairies uncoacled American trans-

ports so first they cheated a report."

In the custombolise my carrier shook his good," when I handed him a New Zerland ha f crown . Detter than Fijian maney . 1 argued, "you get 12% percent exchange

In biously be parketes the maney. Eater learned that so many by store been smuggling money into Full that inhobitants have been warmed against accepting forcign

CHIPPUBLICA

As I stepped into a modern, in fan driven taxs, I reflected that less than a week before I had been shivering in the first cold blast of wanter in my home in suathern New Zealand. The sudden change to this oppressive heat left one conserby exhausted

In the hotel lounge ceiling fans stirred a cooling literar, rastling fern fronds above the

heads of Party ear puests

Vivid red garger flowers and masses of sourlet and yellow it biscus blooms, threaded onto slender brown palm-mai vents, splashed there brilliance from himse Lowls on dark-stalien. Calden.

At night I unfolded the a weep ito calaupy. above my be it and log down to swelter beheath a sheet. Below my wooder-shittered with ow the water hipped against the sea wall,

and the sweet, melancholy strain of a lijian love wing drifted into my poom, along with the nausenting odor of court.

After a sleepless night I asked the house my weatily, 'Can't you keep that smell out somehow? With shocked expression be protested, "No smell—anne at all." A few weeks later I too had ceased to smell the copra.

From the roof of the hotel [ locked over the town. Situated on the scatteest chast of Viti Levu, the largest Island in the Fijis, Suya lies at the foot of tropically clutted hills which sweep in rugged tiers around in the harbon er trance. For eachire tradilities line the water front, and guy, tree-decked roads run through he fown and over the hills to the netter ceridential subuchs.

#### A Med ey of Many Peoples

But it was the shirt, twisting streets, overflowing with their strange, colotful maxture of hammay, that held me spriller nd. There were Indians of all castes.- Hindus garbed in mincloth turbaned Moslems, wry Punganes. wn te-bearded Sikhs, and Madrasis

Above them towered the good-humaned Liffans, stroding bisarely and chapting one another's hands affectionately like happy,

mrefree children.

Chinese with wide straw hats belowed under weighty baskets carried on poles over their shoulders. The delicately colored, richly embroadered satis at the jewelry laden somier-faced littlian women brashed against the long gaily printed catter soler of the laughing Fijam women (page 122).

Eighter colored T infran and Samoan women. their coarse black hair arranged in platts high on their heads, rupgled with the throne An occasional vehite woman frod the bot pave. ments listlessly; and burguesh oficials and traders, in white shorts and shirts damppatched with perspitation, moved with the part of apparent

An ice-cream man on a white bicycle with a red and orange umbrella and a tinking

uell dodged speeding cars.

 A Injien policeman directed traffic from a ting shelter to the street center. The Fifth police on their sportless white status, scar et waistbambs, and natk jackets represent the unest Fiften manhood. They must spethacut Erglish as Well as bullan and Fir

When I saw them marriang, headed for . wand resplendent in scarlet jackets, the flatter ing white sulu peaks holded even more striki i... than a wait; the naturally laishs begils, set



A Popular Pres Service Com Har Store

er i 'er till anv bushe

At All Nations Street, where exceptible from strings of extentive crabs to cakes, have a tentime crabs to cakes, have a tentime peanuts was being soil, I listened to the babille of tongues at wondered that so many people of increase creeds and colors could be a many people.

to the tile and that hencath to the state and there are not the end and british the state.

When the style indicate and the state of the

### Indians Dominate Commercial

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Separate senses, beth Government to medical and a formal and a contract the people of the people of the people of the Nethodists classes and the people of t

15 Well as aducated the Array still went and a regist salets of there is Victorials era. They are repelied in the rain, strain as



Capacit Peters and existence Heads were Victoria Projekt Some Main Street

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But in s. I. i. Colons. Spaces a over. Market, 100,00 Squire Miles of Scattering Parket.

The strong was the east white a complete or produce the strong, and the formula the construction of the felands in the construction of the strong the stro

Early Figures has no written language, but the second by a simple strong the language of the arrival of an ancest of a cannet another told of a war over the killing of a jungle fowl of the depicted the tragedy of "stranger" of a rought by after provinces.

In the list a section of the same and frocks, compact with flowing white same and their list a section of the proof of girls with plants, every but solemnly held up plants if my inspect on. I laughed at the serious

hopeful expressions on the small oval factor is a called as a Florian control of the hijian children dat or tablic an these somber eves.

#### "Suva len't la a"

They were beautiful, with their clear that is a second of their clear made me feel a little sad, Possibly I was the line of a second of the submitted for their mentions that by not so for always, I remembered a court of seconds, "Indian women



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I sell a halter than and he are to sink the marginal with the soft bloomers of a sector of a tations. A start of set pointed a start react uplant: the brown read roofs or partice hares spaggled comfortably at the sat of the trees along the slan.

down on the right Yatukoula kold fields with two and the first and one had miden of a soil or good appeals.

#### Sugar Cane Figs's Greatest Weal h.

Fift's greatest wealth, however, comes or by 90,000 core area of sugar tolds were in mainly to a boso ( the two tain stants, Individual landamy work to and twelve-area forms under the supervision of the Colonial Sugar bottomic to a pany, a name when nears much in largest

industry Barres carry the cane lown for Rewa River near Suva (page 134 | 1 m or the exact constitue I watched true so de a chest to the carry by a little lutting of the carry the carry

the bas frequently or seed eactions of the 160 miles of reinsity line serving the cane and let a pulling engine rationed on a white however to a mile the anti-conditional and the let a l

tane convers have had to compat beed borges, rate, leaf-scale, and for a second the introduction of Radian a discount or a vertical transfer of the care from New colors and the care from the care fr

It is not not been but the continues and but the continues and but the continues and but the continues and but the continues are the continues and continues are compared properties, and as a few of the continues are continued there are the continues and and the other are continued to the continues are the continues and the other are continued the other areas.

The company maintains dairies for the mill settlements, and a 17,000-acre property where 3 000 cattle are grazed to provide prime beef for the mill workers

Of the sugar towns in Fiji, Landoka, with a population of over 3 000, is the largest. It breasts a modern sugar mill with a yearly of that of approximately 60,000 times of takingur. A pincapple careery at Landoka is also run by the sugar company.

"The picture Fine Lagran was filmed at the Yasawa islands across there." The Lautoka actel manager pointed to a purple strip of

bund justing out of the sea.

We passed Fijian hoys carrying baskets of yams and turns, and women with burdles of came on their backs. There were few birds, but the signous, furred body of a mongrow often leaped across the road.

#### fale of the Fire Walkers

That's Misenegs over there," the Indian criver enlightened me, 'the isle of the fire walkers' Scientists have tried to solve the mystery of how the fire walkers of this Island trend harefood over ted-hot stones without apparent injury.

A pit about 50 feet in diameter and fost feet deep, floored with water-with stones about the size of feetballs, is used for the ceremony. A fire is burned on top for ten hours or more, then charcool and ashes are taked of

with green lack keeped on poles.

Then the performers, well oded and armyed in multicolored skirts with chaplets of leaves around their heads, the out of a praver hat and make leisurely across the ted-hot stones, each man stepping on the same stone as his predetessor (pages 128 and 126)

With members of the British Medical Association, I examined the are walkers' feet and there was mostign of libraring; yet a stone extracted from the pit was so hot bystanders larged their fingers on i.," a local distor-

told me.

Back at Sura an old-timer reminded me. You haven't seen Levuka, that a where European asstory toward. So I left by Launch on my 50-m le trip to Levuka, chief town on the island of Orasau, and one capital of Fiji Islands.

On the windward side of the island, Levaka needled at the find of a storp, needled a ountaint streets sprawled along the water front, run sing back into shady lanes beneath the mobed loughs of great breathful trees.

Laughing children sphashed below the seawall and above it adults reclared Lauly on a strip of green lawn.

Only the taliness of threy-front d Indusa-

and Chinese shops marred the loveliness of the place. There was one turn ne-down botel, where I direct at a clothless table with the traininger of a thriving tuna lumietry. The company, I become I, was recently formed, largely fina need by American capital, and operated a fleet of craft in F jum waters.

"The fish are put into frozen brine and taken to American Samos to be conned for the American consket," the manager said. "Tama tun in shoals, and, as a single fish might measure those or four feet in length, the job of cauching them is exciting. We are training

Filian fishermen."

Above the shore I into d a stone memorial with a broaze plaque bearing the inscription. The instrument ording to Queen Victoria, her beirs and successors, the possession of . . . the Fijian Islands . . . was signed on Octo et 10, 1874."

I jil's most vital history goes tack to this spot. Abel Insuran sighted the islands in 1645. Captain Cook anchored off the Lau Islands in 1774," and Captain Brigh passed through the group to an open boat following the mutant on board his ship the Boardy in 1789.

Figi was divided into seven small warring states when European traders taken in search of sandalwised cargoes at the beginning of the 19th century. Theorepulous tracers when in the large tracers when in the large tracers within

North hour, a brig Flisa was wrecked this in 1808, a Swede named Charlie Savage, with two Chinese supposates, took muskets and appropriation to Mhan Island. There he lived a fiotous existence for five years—until he was saled at the control of the sales.

The most nuries did their best to broth peace to the ferocious cannibuls, and, in 1854 one of the leading chiefs. That minut. Was not crited to Caraclanty. A note, cannibul binnelf, he now ordered his people to give up

the tractice.

Thekombau had become the self-styled King of Fed when the United States of America demanded \$43,000 for domage done to the American consular agent's property. In cespetation. Thakemban offered to relection being the 200,000 acres of hand in return for settling the debt to America.

#### Fiji Once Offered to America

Britain rejected the offer, and the Fijian king then offered the territory to America, but that or outry was so engressed with the Civil War it did to reven reply. Later Fiji was again

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# School on Thidis

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Captain Such would be English, I assured a yealf as I bearded the "areadful" 250 ton copia ship. A large native suffed a gleaning white-touthed welcome from the bridge. "My name is Smith," he said courteously, as he ushered the into the vessel's one good cub n.

I was the only white person any board. On the deck below, men and won en were crow led also tray had cabine, while deck passengers traveled at a chesper rate, sleeping lake passed surdines on the decks. In a miniature saluen a salling black steward served the captain, mate, and me with toutate soup, taro, beef, and preserved pears, in between times flaking flies off the sputle-s cloth with a teatowel.

#### Strange Bedfellows

The first night the stronge jaldering of colors made me feel uniter alone, and I hoked my cabin door. Unable to sleep, I turned on the light, and to my horror the wids and my lad seemed a ive with unly whiskered cockstooches and smaller shing black copus besties, while chewing gum beside my be I supported a maying mass of ants. I key in a shaddering sweat in the top bank, watch on the crawling pests akating senses the roof a foot above my face, expecting one to drop any mament.

In the morning the captain said kindly, 'He will have your door open you'll get more air, anless you are stared?" If grinned, 'Once we had an elderly American nurse on loagif and size looked her door too, at first, And here were two schooltescares want looked here were two schooltescares want looked hemselves in their tabin the while trip—scared stuff. You are as safe here as on any

Luro asim ship."

He was a fine person, with a sense of humor and craftle has manners. Because the pests in my color worried me, he had a bed curred onto the prof of the wheelbooks and an awning steetched above it

A gale spring up in the night, and while I was clinging to the bilanwing sheets to keep them from blowing away I saw harrible black disects like giant spiders gliding backward

and forward has do my bed.

Somethwe stall dineme to the sheets, I got down the ladder, which swaved directly above the sea, and my conkratch infested calon felt like a haven. In the moralog the captain teent aloft to kill the spiders, and found round dark mandames orange prolings maying about with the literate.

A bucket of water and an enamel ming were left in the tay closes, which was also a both-time over pourself or the mag." I was advised. It wasn't a become of both ag, either

I went ashore at a houlder-piled wharf at Tavenni island. Cows grazed along the large-share hencath the feathery pains, and white goals straggled along a rock will which enclosed sloping lawns, an old garden, and a stably mellowed house with shady versu has and that white walls of crashed ceral and stud.

On the dev-drenched lawn I had a job to avoid treading on incomerable tooks. I noticed a goldrish pand was netted over to prevent these pests from laying their eggs, like black seeds suspended on yards of silken cord, in the water. Indpoles will nibble the mile

of g defrish.

A youthful planter, clad only in a red flowered sulu, state I ambellevingly at the sight of a white woman on his lawn, then harriedly retreated to appear in khaki shorts and shirt Huspitzidy he favited me to pregkfast and a rule over his 4,000-acre plantation. As the lorry adopted over boulders between the 50foot wide rows of toconut palms, the event tot down my expert's face, and be explained. "Firget where the road is, we may not be on it."

Weeds grow rapidly to this trank-patterned labyrinth, and have to be cleared to fine the nuts. The ripe to us are gathered into heaps, slit open, and the white kernel dried

in the sum on trave, or m kilms,

thirting the thirties copies dripped to less than \$6 per too, and tuited planters startheir holdings or let them grow will. Today, however, white copies kings are reaplify we let with copies at about \$133 a too, under a British Government nine-year purchase contract

#### Cattle Roundon for Leper Colony

Over 1,000 beard of cattle grassed among the palms, some were being removed up for shipment to the leper colony at Makingai Jahnd, where more than 700 lepers from Paritic ishads are concentrated for modern medical technique.

Indians were shouting, does were barking, and the cattle were bellowing as they were being put through the rare ranning down to the shore. At the beach ropes were tied tound the hours of each animal, which splashed maily into the water to swim to the surfiber.

When three steers were fastened to each side of the look, the engired started, and the catilogue, their long swim to the cargo ship (page

137)

When the copra ship moved up the coast, a warm-hearter brottlen couple insister I become their guest rather than go abound. They motored the through pic desque native villages, along the only road in the world which



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#### With a Proceed Koops Lidy, Libers World Caprillar Paper to the re-

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from the inner batk of which Figure make back that a by beating the back that and joining with tapious starch. The cloth is then stendied with brown and black dyes.

#### Rare Tanguaguthia Plant

On the mist shrouded nain tidge of the island, at an elevators of a root 3,000 feet. Is no old volcanic trater, new filter by a lake partially avergneen by floating vegetation. On the shores of this lake proves the language Tonginauthia, a high climbing plant with flower clusters nearly a foot long

The linch-ring blosso is of this cluster are where easheathed by crimson bracks at the ends of bright red branches. The combination produces a vivite splash of culor. Natives used garlaines of the flowers for ceremotics, but they were worn only by chiefs. Taxenai and the neighboring island of Vanca Levil are the only known places where the Tangi-

mantha is form,

Many Turapean children are sent away for sheir education. "The ng the 1918 inth envalepidemic I was coming home from achool on the 60-ton Glema." my host recalled. "The captain and some of the crew died on the captain and some of the crew died on the are for three days we just drifted. Now we have radio-and that reminds me, your pper has just radioed that he if anchor here an hour."

can applies and oranges were packed as parting gills, and, as I perched on 1 professional profession of appraisant booked back at the lovely shares of this island which is justly called 'the garden of hair,' I remembered the kindly query of an old planter, "Aren't you backy, trave my so har by yourself." He did not know that everyone is the friend of the lone traveler.

When I landed at Sava, Captain So ith suggested, "If you want to see Edians living as they did centuries ago, you should come on our next vayage to the Lau Group. They Euro-

pears go there. '

The night I left for Las, themser folled desteringly overhead I hading dishes of hight-ring seated the sax with blue tongues of fire, and the tain units down in dreft hing sheets. It rained nearly every dry in Sava, but the ram didn't cool the air, it just went up in steam

"We've furtigated the ship specially for you," the skipper announced happily. And there certainly was less bug activity. But cocaron has breed fast, and copea legitles came abound with every head of copea, so the bals was temporary. I studied the chart and counted about 50 islands in the Lau Group,

which has about 150 rules east of Sava and stretches north and south for 280 rules

At one time these islands were partly a quested by the Tengans, who internatively with he Tijians. Thus many Lau people have ighter coloring and finer features than most Fijians, while the woo as are regarded as the

real beauties of Fig.,

When we dropped anchor at Matuku Island 115 miles to the southeast, a light muse offered to act as my interpreter. Together we crossed the yellow beach, putterned with many to aprints, to the village, where homes spread like golden-brown have as ks mounth the shady trees of a lovely natural park.

The chief's wife hastened to welcome me, usbering me into the chief's hare by the lower door. I had already been warned never to enter the upper door at the risk of insulting

the sweet

An elderly third in striped palisma cont and subserved the hand, knowpean fusion, and affered me a chair which was kest for such special occasions; but I preferred to sit cross-legged on the floor with his womenfolk. It say liked that, but was a my tramped legs in ide no squirm, they offered cushions

The interior of the large but was beaut fully constructed, the spars tied with cocount hemp

and la tated like honeycomb.

#### Children Flee from White Face

Women were sent to kill fowls for a feast for me, while the chief's family escorted me round the value.

The women smaled happily when I admired their ladies, and gigeled with motherly toler ance when their effspring fled in fright at sight of my white face. They patted on enthe back in friendly fashion, and smook their beads laughingly because they didn't know what I was saving

The native have engaged in an animated conversation with the villagers and forget to aterpret, but the ease pansed long enough to say sympathetically. "It is sad you do not

is my what we are saying.

I suggested hopefully, "A su could tell me.

hot son only smiled.

She belond when I tried to photograph the island below, who had the life a that they should one up and for a the camera like a regiment of subtlers. When I let them look into the clear finder, their faces registered arrayed delight

In a small wonden he spital I found a Fijian medical practitioner writing at a desk in a bottle-lined disponsary. His lined face lit up with a smile as he said in perfect English. "We so farely see European visitors I almost forget how to speak your language."



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#### Pensan Temperate Walk is School Mirre an Imaginary Line Deckling Hast from West

are a figur Weight, on Time in Island processors the only motor and to cross the figure like which . Intermatantal Pate Lane I flow along ranch of its sweep topic . . . . . . . but north of her the Part. The White forker has been be verter swince exact and, teps of 1. In the marrical south of New were and. Thus, and of Payrones to not the lands have tempt page, I are

States Army. \* Had to cut my lair off before I to I but I will not be fire that the fire white men bad to blacken their faces or the I is would pick them off first,"

His wife spread a camphor-scented cloth of the first of the property of the state of git! I mught steaming kumalis, grav-white taros, highly seasoned thicken soup, and the transfer to the transfer of the transfer o One is the action to be one my bostess aw that I had every attention,

#### Spiders Regarded as Friends

3.5 diarkiness fell, it hat scampeted abing the The allower the at tasy likeled dropped drown the k, queer heetles skated across the flour If if the night, and a hality spider the size ri A reals agraw ed out of the reed wealt, pointed at the long-leaged between but no one and are regarded as friends,

There was a grand weke that might in any brout a chair was reavier by a mie tr the wene writhout I should be as red in state. The process and danced fill managht When I would a trail cause, loggest with

gifts of baskets, mats, and cocornits. I could so It I to the other the second party villagers illumined by beath fites, waving goodby till I was out of sight. I gripped my councits tightly as the bilatomap commented in Interest for the Secretary of the Secretary for over, have to swind'

He dropped his our to clotch at a turtle, and The the second to the first of the the cames righted fiself.

We paddled warily through the reef, down unles of iblet between dark mangraves. Open a large fish nearly julted the camer out of the water. I was intensely relieved when at last I saw the lights of the copia ship.

We sailed northeastward to the island -Totoya, where half a dozen cannes overfur cened with men, women, and children, came The terror of th One cance was swampe I, so the tolerant captain slowed down to assoid further capstrings.

One village had been well in a nother farther up the coast. Wis ting is done on a grand seed. and a second transfer the wedding provides art was to be a rection



Mar Hours of Rigal Carrier a Figure's Reward, a Stimulating Drink of Kasa-

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as far to their story

The imperious of contract of the least Company of the state of the sta , the property of the contract PB Tax late a finder's C2 all francest of lathe. A diczen women guided me along a mitorial terms also are allered filered through the will employ in a Phones, in the last twee

At the find of a waterfall in a rock of a conwas a pool where most of the value and It produces by their that day, I follower a marin girl's example of undressing has we orginize out myself, but talper sheet- adjust to reliand the gre ing mit was his or a color of the ends

I satisfies the process of numericals to bite my toes, while no come on the or 's and with excited delight at a way some · Free root, it was what epotagh it was a rebut her in their was friended, and the war Water transfer to the second

And the case a two orders of the fillians are a clean rate, and at other features to any contract agreements of the first of the state of t by the first the factor of the proof of the proof of water in a constant of fre, ad pricin or mel in tip çirt sishin

> We see the rest of the language of the party Figure 1 at Contract to the state of the sta when the color of the beautiful to the color of \*Looks if they are not to be to be to surprise to the surprise of th in the plant on which sometime order strewer to a set of the training to or there is the large term The feet of the second of the feet of Title 1 - 2 11 2 Tok 1 a 1 1 - 5 1 3 4

#### Church Unscathed by Hurricana

A President and the later of the scathed up the center. Here yell en him taken to take during the worst two dose of the for his lethe church, on places writer n brighish and Finish, were mer orrest th. Re. William Union of Dr. Compilers the reservoir and to be been also but in feta literature vis

The chief of Southern Lan lived at Lawrence (page 135). When native girls grantle plan of fact because the hurry one mod left no fruit or vegetables.

When I staggested taking his protograph, he maisted on shaving first! One of his some had studied medicine at a New Zeamid uni-

versity and had gone on to Oxfore

I beard waiting in the village as a functal party of women, wearing ragged muts lied wath bemp ground the waists as multimate. Decad me carrying bandles of sticks on their backs in preparation for the death feast

In a four-foot-seep, bowl-shaper p t based with stones, a fire had been burning. When the ashes were taked aside, a pig's carrass staffed with bot stones and leaves was put into the pit, along with fish and prawns wrapped in leaves, and known by Trives a verse, the food, and earth was mountied over it.

Severa, hours later, delicious, tender fund was a nearthed, and a chicken was sent alorand by the chief as a special freat for me.

At Nayau Island, to the northwest of Lakemba, I found a water shortage. Although the natives' hits smelled strongly, and the mais were slovenly and dirty, there was the some friendly cancerness to shake my lumbs and some a well one.

#### The Secret of Reddish Hair

A women was ideaching her horr, and at last I descovered why some native wimen have redded by his transfer of the usual black.

collect cond, have it to produce a form of line, which they pur with may and plaster over their heads, later completing the localty

treatment with dyes from 1 ces-

In this Is not hest, because of its clearlass and purklike beauty (page 131), and because been I was initiated into the famous Fit in kaya curemony. A so man potniced (restricted in a political fitter true L, water was acided, and paper willberry fibers were used to strain out the sedment. The introversal red I quill was poured into a curemonal, six legged who for kaya bowl, and a curemonal, six legged who for kaya bowl, and a curemonal rapid was bunded me upage 1391.

s. At is obtrette but not intoxicating, and, while I hathed the taste, I had been wanted

I must never refuse the honor of drinking it Everyone clapped and chanted as I drank, and I tried to spin the emptied coconut shell across the room as I had been told to do.

Best to me four policement quests were singing softly in Linglish for my benefit. I asked why they always sang lave songs, and a dark giant smaled and said simply, 'Because we like them."

I wondered that there should be such noblity of expression, such gentleness and the troubled happoness in a race that nace boasted the most femalias canadials of the Pacific in trovaled churches I had witnessed them worshiping God with the earnest simplicity of children. I wondered if their, edent faith and ballowed Sabbaths had a swething to do with their carefree outlieds and peace of mind,

As my native carriers splashed into the water, the villagers followed. When a gartana of flowers interwoven with fathed paper streamers was skyly placed round my neck, one of the policemen exclaimed, "You look

oke a princiss! "

My turse was simbisted by forelead streaked with perspiration, and prickly grass heads at tak automisetably to my clothes; but, as I smiled and waved goodby. I felt as near

reyally as I would ever be.

With a full cargo of conta we headed for sova. At night we sailed over a plugghter of eight sea, the most swap his against a dark sky set with milhous of stars, while from helow fleated up the most wonderful human music that was ever borne on a sea fireeze. The crew were rever too weary to stag

and the news that any ship was due to leave that night. Behand the purple-thick outline of the jugger, more than a channel red-gold light lift up the feavous, reflecting tself in the sea, so that the ships rocked at an bot in a harbot of molten gold. Then beary silver-gray thanks thickened above, the thining sky turned to lead while I wanthed an i darkness settled down on Fri Islands.

I sailed at midnight

#### WHEN VISITING WASHINGTON

To the non-bers of the National Geographic Society and their friends planning to contine Nation's Capital during the Sesquirestrand Celebration this summer and through Normality, 1959, we as may affine that, a contact translation is extended to rest the found of enter-based and National Nat

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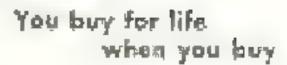
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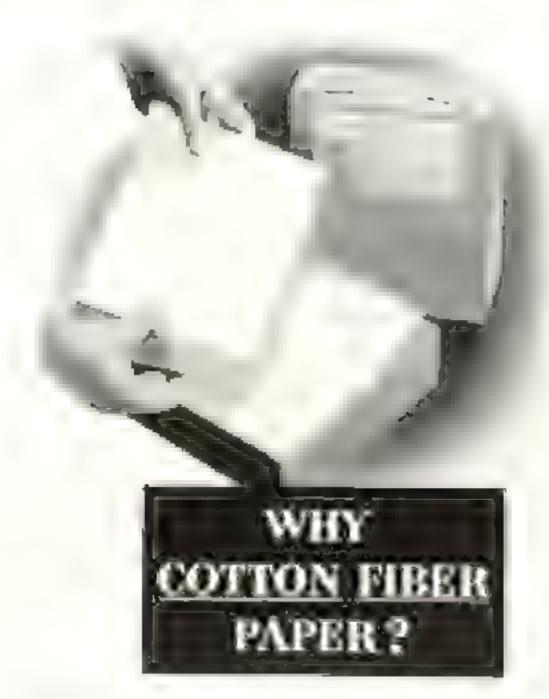
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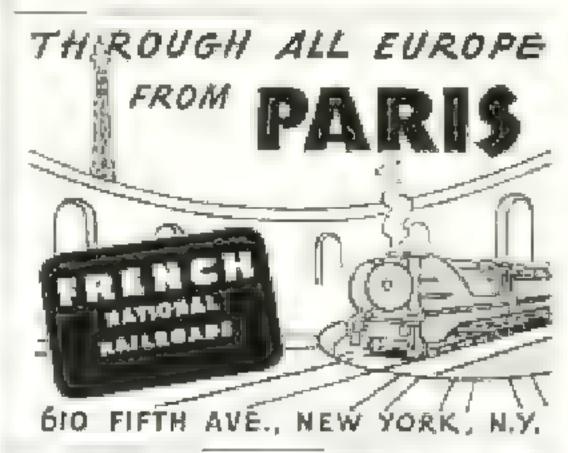
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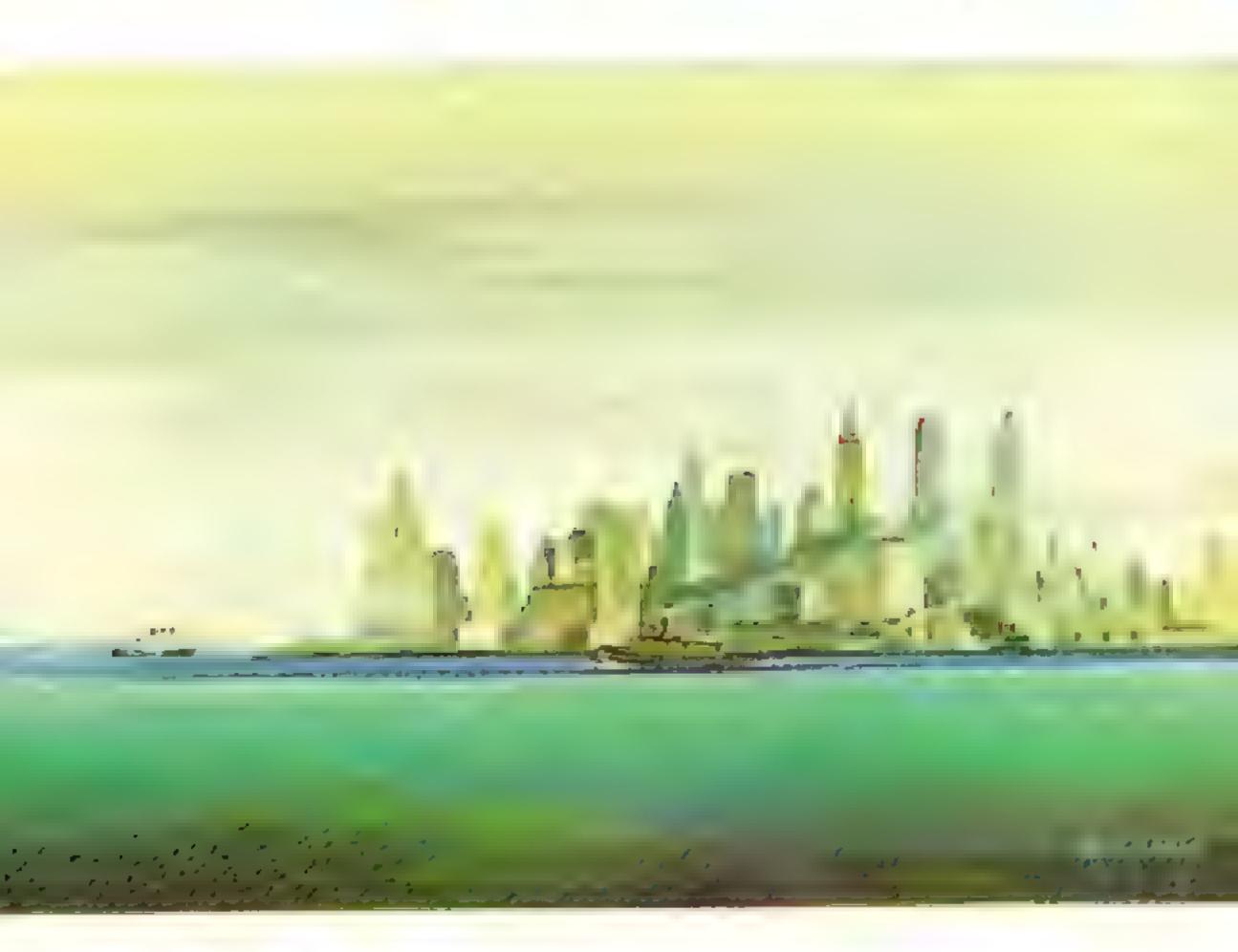
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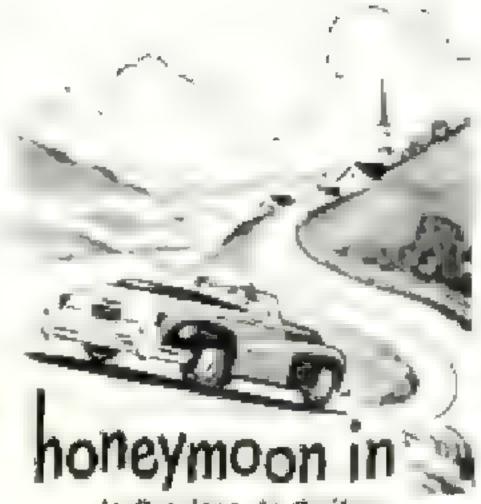
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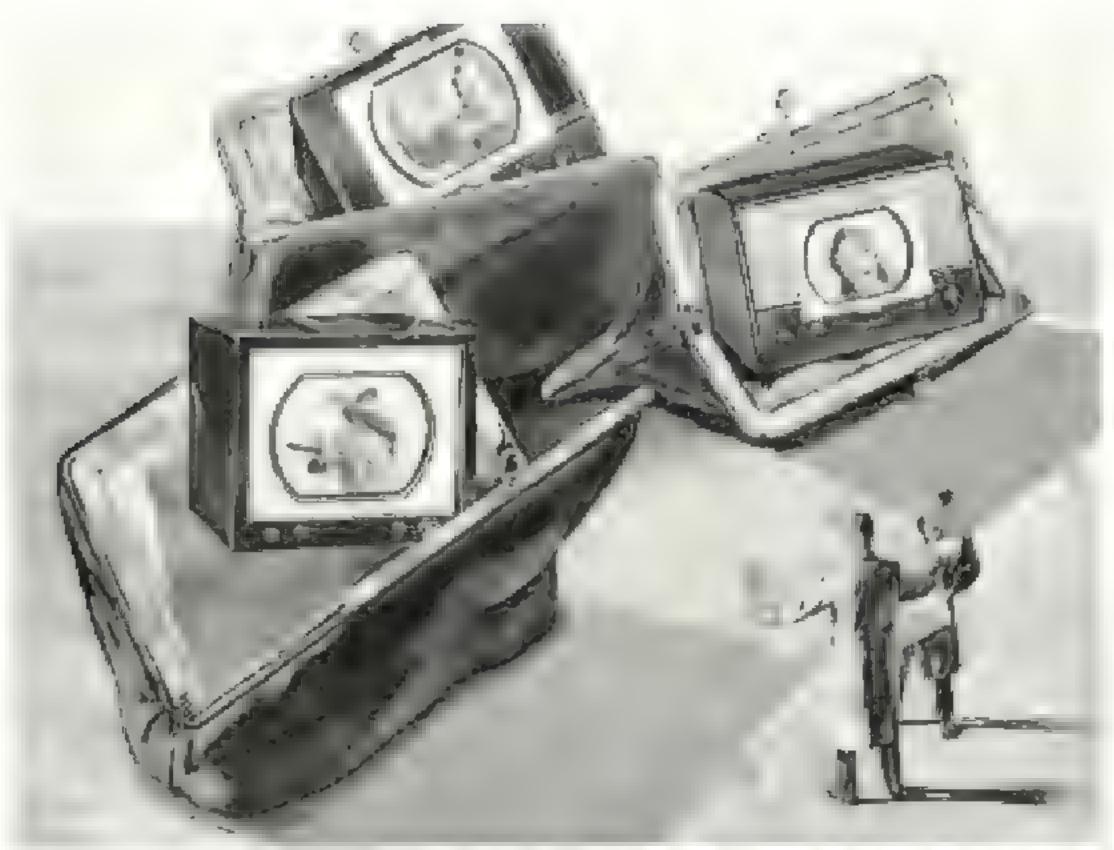
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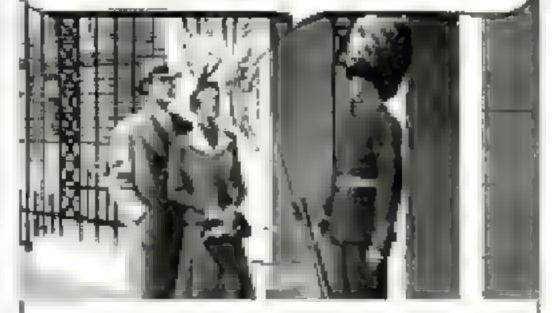
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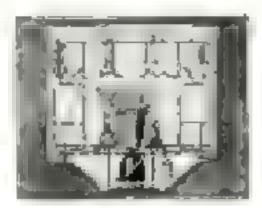
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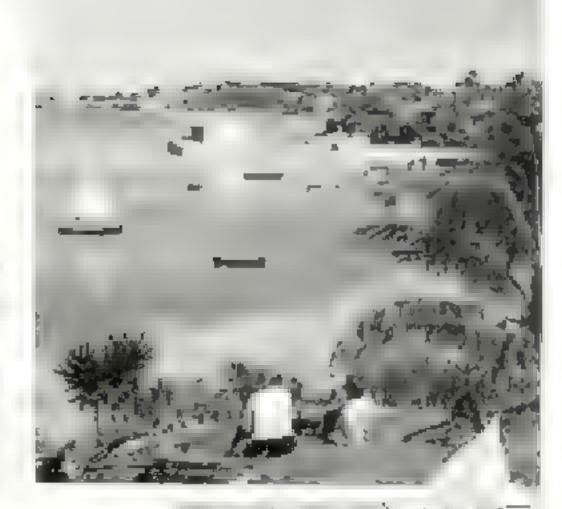
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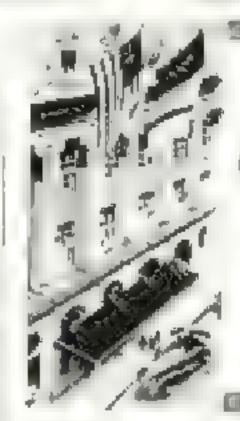
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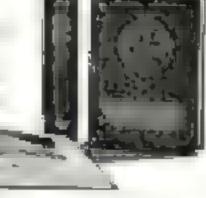
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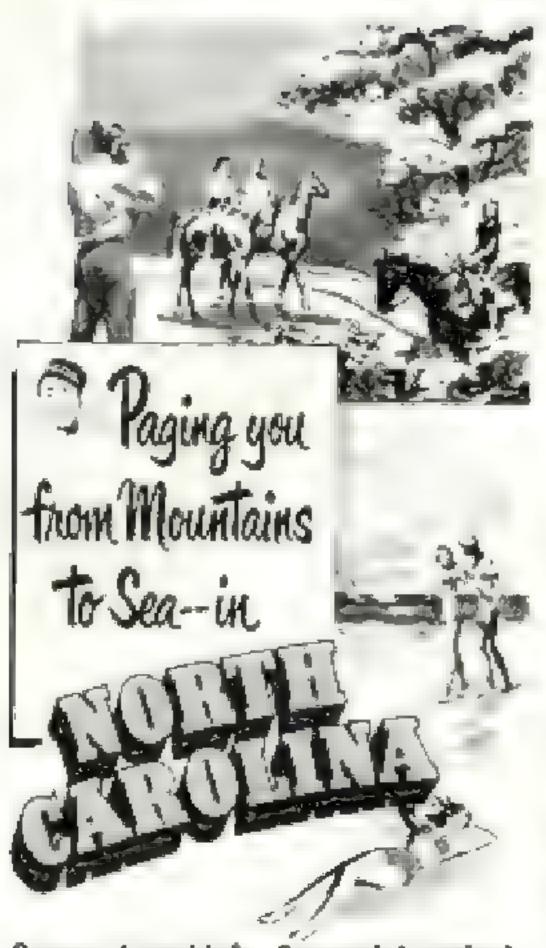
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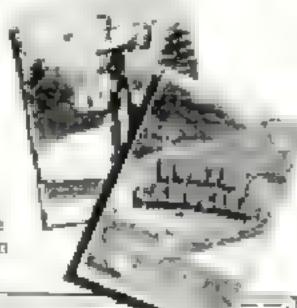


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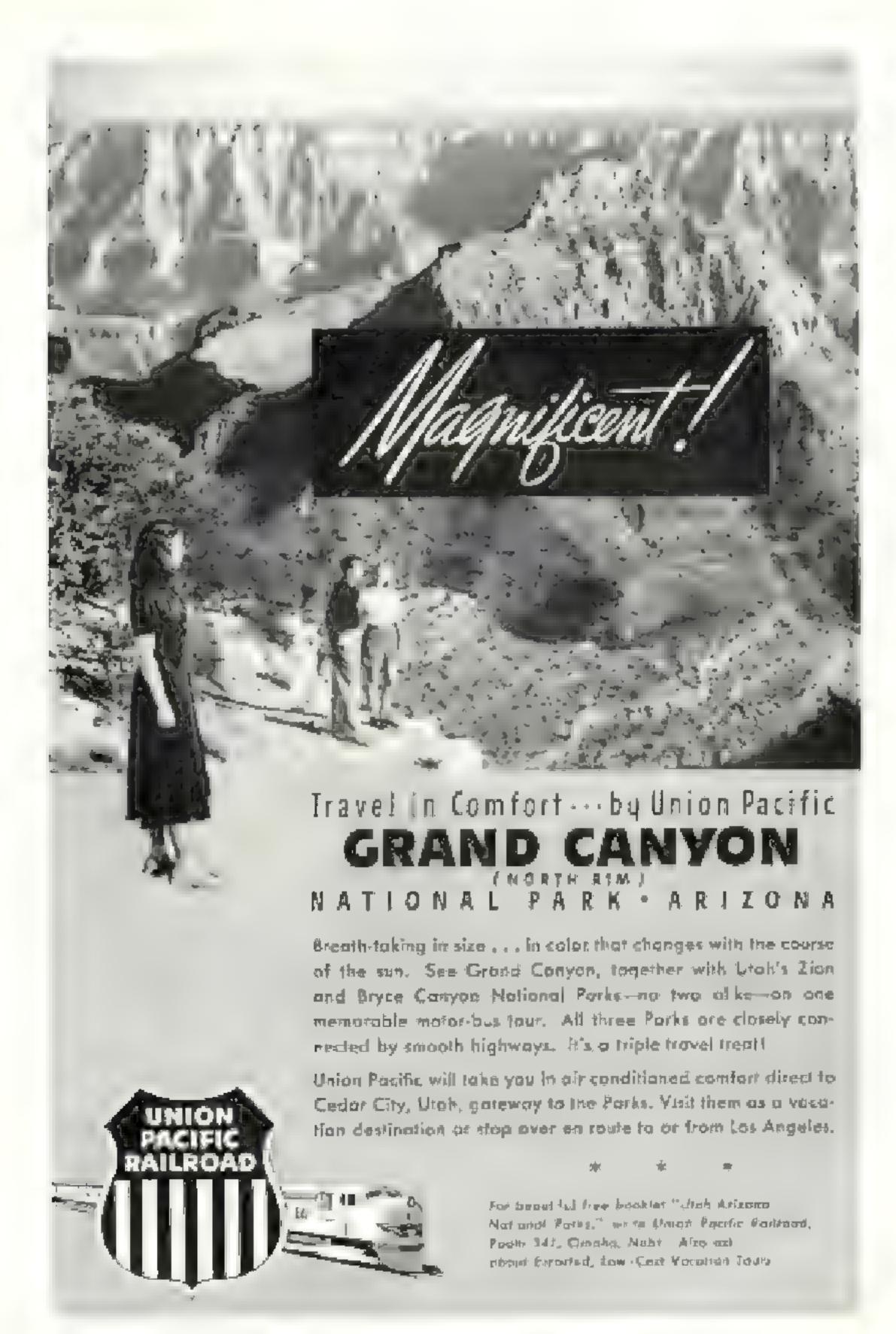
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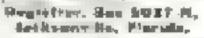
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